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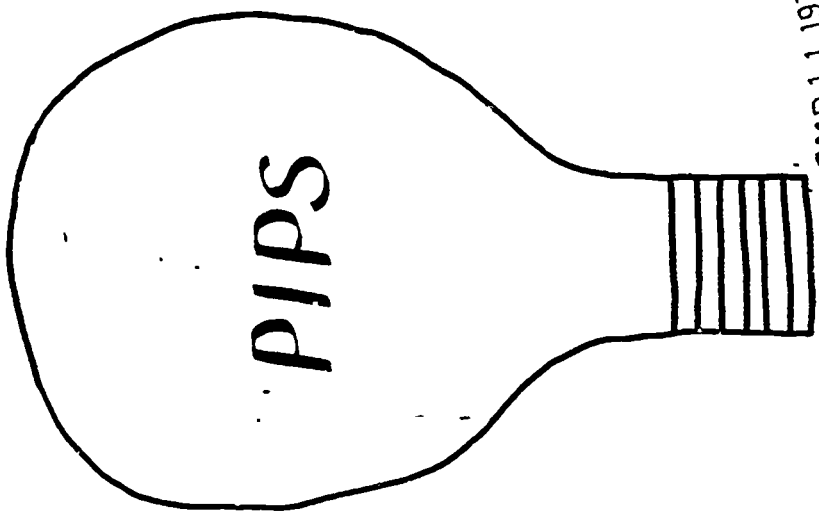
ABSTRACT

The PIPS (People in Products and Services) guidebook is to be used by teachers in conjunction with Career Education: An Idea Book, and is intended primarily to provide suggestions for classroom teachers for developing K-6 career awareness programs. The theme of career development must emphasize people, not just products, to make the program relevant to the student. The first part of the document consists of grade level guides for K-6 and lists the goals, concepts, and objectives to be taught, coordinated with suggested activities from the Idea Book. The remaining half of the document contains supplementary materials including sample units on health careers, occupational cluster diagrams, suggested student evaluation activities, and 27 pages of current listings of local resources and field trips. (BP)

People in Products and Services

Guidebook to be used with Idea Book

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MAR 11 1975

Career Awareness Program K-6

Portland Public Schools - Area II

PIPS

PEOPLE IN PRODUCTS AND SERVICES

Guidebook to be used with Idea Book

Career Awareness Program K-6
Portland Public Schools - Area II

Dr. Don James
Superintendent
Area II

1972-1973

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PURPOSE

This is a resource book to be used in conjunction with Career Education An Idea Book, primarily to provide suggestions for classroom teachers who look ahead somewhat fearfully to developing career awareness programs.

Allowance is made for the individualism of the teachers. However, teachers must be aware of the fact that if career awareness is to be meaningful, the program must be flexible to provide for differences in students and differences in communities.

To make education relevant, the entire school program must emphasize the theme of career development: PEOPLE, not just products.

COMMITTEE FOR: PEOPLE IN PRODUCTS AND SERVICES

CAREER AWARENESS PROGRAM K-6

AREA II

Jerry Reed - Chairman
Jan Hall
Harriett Haslebach
Roseanna Hudson
Georgia Kneeland
Constance Miller
Althea Moore
Earla Sherwood
Miriam Stewart

Acknowledgements

Career Education Idea Book Committee

Cathy Williams - Project Chairman
Dick Miller - Evaluation Chairman
Karl Hendrickson
John Exide
Shirley Zurcher

Leroy Wallis, Career Education Specialist, Area II
Paul Stuart, Career Education Coordinator at Kelly School

GOALS FOR CAREER DEVELOPMENT PROGRAM FOR PORTLAND PUBLIC SCHOOLS

1. Students in the primary and middle elementary grades will gain a better understanding of work as a function of man, become familiar with the kinds of work men do, develop an appreciation of the applications of the different disciplines to careers and have the opportunity to relate individual interests and abilities to potential careers.
2. Educational experiences available in grades 7-10 will permit students to explore many of the major career fields with sufficient depth to facilitate a realistic, though perhaps tentative, career choice.
3. Career education programs will be provided to enable students to prepare for the occupational fields of their choice by acquiring skills and knowledge that will enable them to (a) obtain entry-level employment upon leaving school and (b) continue their occupational preparation in post-high school institutions or in business and industry.
4. Career guidance services will be provided to assure that every student on all grade levels will receive the help he needs in assessing his personal interests, aptitudes and abilities in making realistic career choices, and in planning an appropriate career education program.

Source:

A Program of Career Development
Portland Public Schools
Adopted, June, 1971

THE OVERALL PROGRAM GOAL FOR AREA II CAREER EDUCATION

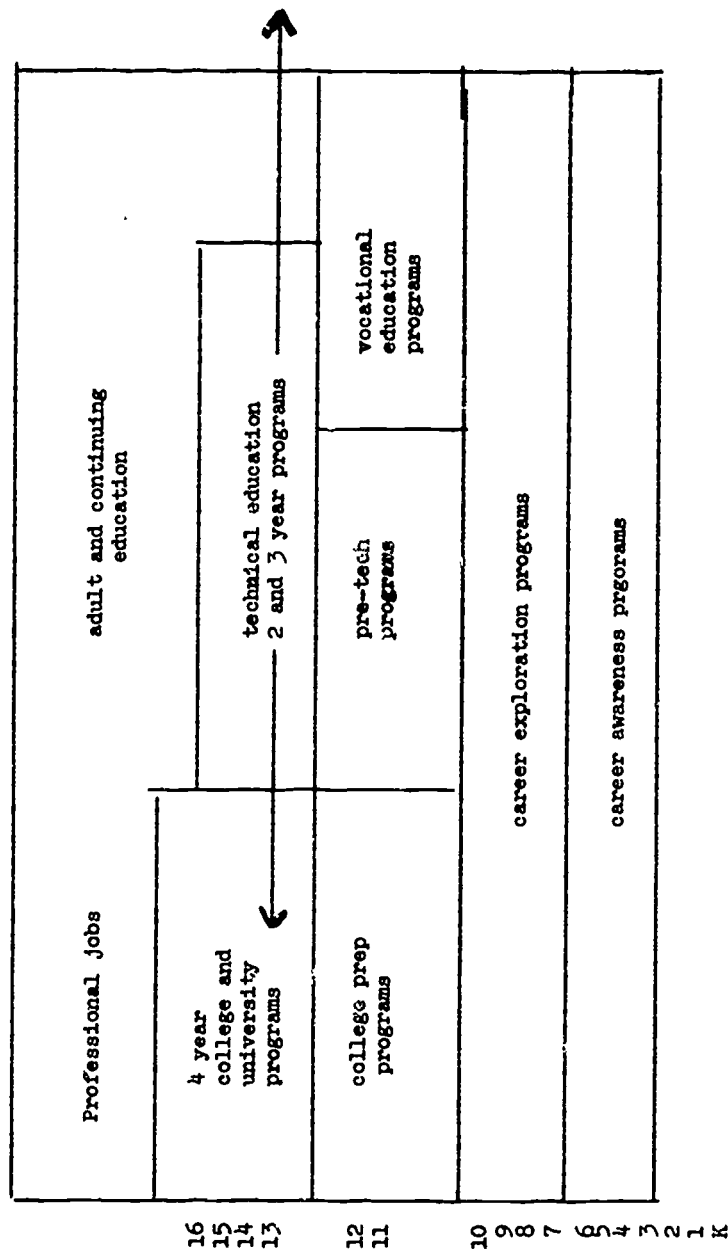
Every learner shall, upon completion of his public school education, possess sufficient knowledge of many occupational fields, including knowledge of entry requirements, to be able to make an informed though tentative, selection of an occupational field and shall have developed competencies that enable him to enter into employment or an advance training program in that field.

THE GOAL FOR AREA II KINDERGARDEN THROUGH GRADE SIX LEVEL PROGRAM

Every learner shall, upon completion of the kindergarden through grade six portion of his public school education, have developed an awareness of the world of work, including: knowledge of duties and entry requirements of many occupations; knowledge of contribution and interdependence of work done by members of society; knowledge of relationship existing between productive employees and successful institutions in society; demonstrated application of subject matter competencies to work performed in occupations; choice of an occupational field in which to have hands-on exploratory experiences beginning in grade 7.

Source:
Area II Goals
Adopted November, 1971

CAREER EDUCATION PROGRAM



Career awareness is the foundation of the entire program and is the responsibility of K-6 teachers.

GRADE LEVEL GUIDES K-6

KINDERGARTEN AND GRADE ONE

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests.

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work, experiential background, interests, aptitudes, capabilities, need for security and the reward available.
2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's person aptitudes, attitudes, and interests.

OBJECTIVES

Every learner upon the completion of grade one will be able to:

1. Assume responsibility for classroom jobs and evaluate.
2. Choose independent activities within the room.
3. Recognize that all people do not have the same interests or abilities.
4. Discuss "attitudes" about work in which we participate at home and school.
5. Identify several occupation which a person may choose.
6. Talk about occupations in which interested and evaluate.

KINDERGARTEN AND GRADE ONE

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities

CONCEPTS

1. People work.
2. There are many kinds of work.
3. People may assume manifold work responsibilities
4. Work has different kinds of rewards--financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner upon the completion of grade one will be able to:

1. Recognize that there is work to be done within the school.
2. Identify the jobs which people do within a school.
3. Recognize that there is work to be done in a home.
4. Recognize that family members also work outside the home.
5. Recognize that parents in their occupations are also community helpers.
6. Recognize that people have more than one job.
7. Recognize that being a student is his present job.
8. Understand that there are various rewards for performing work.
9. Identify the goods and services produced in the community.
10. Discuss one or more occupational areas.

KINDERGARTEN AND GRADE ONE

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment

CONCEPTS

1. Workers are interdependent
2. The performance of work is facilitated by
 - preparation for the work
 - ability to work with others
 - employability "traits"
 - organizational pattern
 - resources available
 - division of labor
 - level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. Continuing education is essential to the maintenance of work skills and/or adaptation to changing job scene.
5. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner upon the completion of grade one will be able to:

1. Name, use, maintain, and store all tools and materials necessary to perform required classwork at any level.
2. Comply with school standards of behavior and tell the reason why.
3. Practice communication skills with fellow students.
4. Listen and follow directions for doing various jobs in the classroom.
5. Recognize that learning is a continuous process.
6. Relate basic skills of computation and communication to familiar occupations.
7. Practice good grooming and recognize that food is related to health.
8. Describe the work done, clothes worn, and tools used by workers.
9. Evaluate the interdependency of workers in a work situation when everyone has an assigned job.

KINDERGARTEN AND GRADE 1

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
--------------------	---------------------------	-------------------------------------

I. SCHOOL

A. School Helpers

Nurse
Principal
Secretary
Custodian
Cook
Teacher

Nurse in hospital
Managers
Office Secretary
Building custodians, maids in motels, hotels
Restaurant cook, waitress
Many types of teachers - mothers, ministers, Rabbi,
club leader

#18. Classmate of the Week
85. Division of Labor at School
112. Services and Goods
144. Let's Play Librarian
148. Janitor's Job
210. Job Responsibility
211. Class Helpers
212. Special Names Given to Leaders

B. Room Helpers

Chairman
Librarian
Messenger
Floor Monitor
Wastebasket Monitor
Weatherman

Principal, teacher, manager
Librarian and Library Aides
Postmen
Custodian
Garbage collectors, Sanitary Engineers
Weather Forecaster, T.V. and radio announcer

II. HOME AND FAMILY

A. Family Workers

Around the Home
Away from home

Cleaning, Housekeeping, cooking, babysitting
Emptying garbage, garbage collector
Identify parents individual jobs - use survey form
in Idea Book #272

40. The Home and Family
41. Goods and Services
42. All Families Need Goods
43. Families Have Basic Needs
44. Home and Family
71. Mathematic Store
72. Play Store
82. What Do Parents Do?
88. Indoors - Outdoors
171. Kinds of Houses
172. We Are Carpenters
220. Occupational Riddles
238. Johnny's Work

B. Basic Family Needs

Food
Shelter
Clothing

Dietitian
Construction worker, cement worker, brick layer,
Plumber, electrician, painter, roofer, architect,
lumberjack
Factory workers, seamstress, store clerk, buyer,
designer

KINDERGARTEN AND GRADE 1 (cont.)

Scope and Sequence

Suggested Related Workers

Suggested Activities from Idea Book

III. ANIMALS

- A. Domestic Animals
 - School
 - Home
 - Neighborhood

Child responsible for classroom pets
 Child responsible for own pets
 Veterinarian & assistants, pet breeders,
 pet trainers, jockey
 Child responsible for neighbors' pets

- 19. Aesop's Fables
- 150. Animal Doctor
- 151. Care of Pets
- 195. Stuffed Career Characters

- B. Wild Animals
 - Forest
 - Zoo
 - Circus

Forest Rangers, game warden
 Zoo keeper, zoo veterinarian
 Animal trainers, animal handlers

IV. FARM

- A. Types of Farms
 - Animal

Butcher, cowboy, drover
 Pickers, farmer, fruit sorter, packagers,
 Cannery operators, dairy workers

Plant

- B. Types of Machinery & Tools

Florist, nurseryman, gardener, grain farmer
 Tractor driver, combine operator
 Milk machine operator

- 58. Raising Vegetables
- 59. How Farming is Changing
- 127. Specialization and Use of Tools
- 223. Career Quiz Game

GRADE TWO

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests.

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work, experiential background, interests, aptitudes, capabilities, need for security and the rewards available.
2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes and interests.

OBJECTIVES

Every learner upon the completion of grade two will be able to:

1. Assume responsibility for classroom jobs and evaluate
2. Choose occupation in which interested.
3. Recognize that all people do not have the same interests or abilities.
4. Discuss attitudes or feelings about work at home, school, and in the community.

GRADE TWO

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities.

CONCEPTS

1. People work.
2. There are many kinds of work.
3. People may assume manifold work responsibilities.
4. Work has different kinds of rewards---financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner will upon the completion of the grade two will be able to:

1. Recognize that being a student is his present career.
2. Identify and investigate some occupations in community.

GRADE TWO

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment

CONCEPTS

1. Workers are interdependent
2. The performance of work is facilitated by
 - preparation for the work
 - ability to work with others
 - employability "traits"
 - organizational pattern
 - division of labor
 - level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. Continuing education is essential to the maintenance of work skills and/or adaptations to changing job scene.
5. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner upon the completion of grade two will be able to:

1. Name, use, maintain, and store all tools and materials necessary to perform required classwork at any grade level.
2. Comply with school standards of behavior and tell the reasons why.
3. Relate basic skills of computation and communication to familiar occupation.
4. Recognize that learning is a continuing process.
5. Recognize that health habits may affect job performance.
6. Identify some of the attitudes, knowledge and skills needed to perform an occupation.
7. Evaluate the interdependency of workers in a work situation when everyone has an assigned job.
8. Know the factors contributing to a worker's success.

Scope and Sequence

Suggested Related Workers

Suggested Activities from Idea Book

COMMUNITY HELPERS

Food Services

Cook, waiter, waitress, farmer, dishwasher,
bus boy, grocery clerk, meat cutter, baker
salad maker, checker, dietitian

- #82. What Do Parents Do?
125. Trade Tools
126. Tools of the Trade
194. The Bakery
212. Special Names Given to Leaders
Visit grocery stores, meat markets,
bakeries. How many workers do you
see in each?

Community Services

Sanitary & garbage collectors
Electric light company
Gas Co.
Water & Sewage Dept.
Recreation
Library
Zoo

Truck driver, garbage collectors, lineman,
technicians, engineers, meter readers, repairmen,
ditch digger, machine operator, aides, Park
Bureau, maintenance, gardeners, librarians, aides,
Veterinarian, Zoo Keeper, animal handlers,
Dietitian, Food handlers

16. Happiness Is
81. All Jobs are Important
82. What do Parents Do?
195. Stuffed Career Characters
210. Job Responsibility
211. Class Helpers
Visit the library - get library card
Visit local parks and zoo
270. Community Service

How many kinds of policemen are there?

Detectives, Safety, highway patrol,
Motorcycle, Protective Division,
Policewomen, etc.
Truck drivers, hose carriers, fire fighters,
para-medics, fire boat, ladder men, etc.

41. Goods and Services
43. Families have basic Needs
44. Home and Family

Have a policeman visit and tell
about his duties
Field trip to police headquarters
Illustrate and dramatize safety lessons
Visit Fire Station
Invite fireman to visit and tell about
his duties
Have each child know 2 ways out of his
home in case of fire.

GRADE TWO (con't)

Scope and Sequence

Suggested Related Workers

Suggested Activities from Idea Book

Health

Doctors, nurses, aides, dietitians, dentists
hospital, laboratory workers, custodial workers,
office workers, druggist, ambulance driver

- #10. Health habits for 1 week
- 11. Health Fun
- 12. Healthy Success
- 13. Good Grooming
- 42. All Families Need Goods
- 177. A Folding Puppet Stage

Postman

Mail carriers, sorters, truck drivers,
special delivery, stamp sellers

- 220. Occupational Riddle
- 222. What's My Line?
- Visit the Post Office
- #141. Post Office
- 142. Let's Play Mailman

TRANSPORTATION

Rail

Clerks, typists, conductors, engineers,
ticket agents, track layers, track
maintenance, superintendent or foreman

Take a short train ride to Vancouver, WN
Learn to use a timetable
Remember that every occupation
requires promptness, and job responsibility

Bus-Trucks

Clerks, typists, drivers
Package handlers, ticket seller

- 236. Do You Know the Truck Driver?
- What kinds of truck drivers can you name?
- What types of buses do we have?

Airlines

Pilots, engineers, air traffic control operators,
ticket clerks, reservation clerks, food handlers,
stewards and stewardesses, maintenance crews for
aircraft and airports, weatherman, baggage man

- Visit the Airport
- How important is weather?
- A weather unit can be utilized during this time.

COMMUNICATIONS

Television

Radio

Newspapers

Telephone

Announcers, equipment operators, cameramen,
editors, reporters, electricians, photographers,
printers, artists
Lineman, operator, equipment and electronic
technicians, supervisor, salesman

See Idea Book for field trip information

- 131. What Will I Be?
- 132. Newspapers, magazines, books
- 133. Class Newspaper
- 177. Dramatize a TV show using puppet stage

GRADE TWO (con't)

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
SCIENCE	Scientists - Everyone to help clean up the atmosphere, water, earth	110. Environmental Control Clean up School yard - taking turns picking up paper, cans, etc. on street
ECOLOGY		Be responsible for own clean up in room
CONSERVATION		Designate a student as a room ecologist to find out how excess or waste paper can be used rather than thrown away

GRADE THREE

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests.

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work, experiential background, interests, aptitudes, capabilities, need for security and the rewards available.
2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes, attitudes, and interests.

OBJECTIVES

Every learner upon completion of grade three will be able to:

1. Assume responsibility for classroom jobs and evaluate.
2. Select a career in which interested.
3. Analyze attitudes toward work.
4. Analyze and compare reasons why people prefer certain occupations
5. Evaluate personal attributes related to employability.

GRADE THREE

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities

CONCEPTS

1. People work
2. There are many kinds of work
3. People may assume manifold work responsibilities
4. Work has different kinds of rewards---financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or service.

OBJECTIVES

Every learner upon completion of grade three, will be able to:

1. Study and identify businesses and occupations.
2. Identify the many occupations, and the interdependency of each.
3. Explore potential careers that develop from hobbies.
4. Contrast job opportunities in communities
5. Analyze the changing nature of career opportunities

GRADE THREE

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment.

CONCEPTS

1. Workers are interdependent.
2. The performance of work is facilitated by:
 - preparation for the work
 - ability to work with others
 - employability "traits"
 - organizational pattern
 - resources available
 - division of labor
 - level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. Continuing education is essential to the maintenance of work skills and/or adaptation to changing job scene.
5. People may work at several different occupations during their employment years.

OBJECTIVES - Every learner upon completion of grade three will be able to:

1. Name, use, maintain, and store all tools and materials necessary to perform required classwork.
2. Demonstrate acceptance of responsibility for self by moving within school facility without supervision.
3. Practice communication skills with fellow students.
4. Relate basic skills of computation and communications to familiar occupations.
5. Evaluate competence in vocabulary studies.
6. Plan and follow a weekly schedule which will promote good performance in school.
7. Examine qualifications needed by people in different jobs.
8. Examine the health and safety standards for workers in various occupations.
9. Identify how a job may change.
10. Recognize that similar jobs can be done in different businesses.
11. Analyze how specialization and division of labor affects the quality and quantity of goods produced.
12. Analyze the contribution each worker makes to a given industry or business.
13. Analyze factors relating to attaining and maintaining job.

GRADE THREE

Scope and Sequence

Third Grade teachers are asked to follow the career awareness scope and sequence for Second Grade in greater depth and include the additional topics listed below.

City Government

Inspector and Mayor, Councilmen, Tax Collector, Office Worker, license clerks, judge

Weather - Bureau

Weatherman, Radio - T.V. Commentators

Portland Airport

Air Traffic Control
Cafeteria and other food workers, engineer, mechanic, sales people, office worker, weather bureau, pilots, parking attendant, reservations clerk, baggage clerk, steward, stewardess, freight clerk, insurance worker, radio operator

Community Helpers
Food Services

Cook, waiter, waitress, farmer, dishwasher, busboy, grocery clerk, checker, meat cutter, Baker, school cafeteria worker, cannery worker, dietitian

Community Services
Sanitary and Garbage
Water bureau and Sewage

Garbage collectors, truck driver, sewage disposal worker,
Meter reader, maintenance, gardeners, engineer, bookkeeper, ditch digger

Suggested Related Workers

Suggested Activities from Idea Book

#105. Inspectors and Inspections
122. Work and a Growing City

Draw city map.

138. Weather and Jobs
139. Weather Bureau

221. Who Fits in These Shoes?
229. Dramatization: "A Busy Airport"

82. What Do Parents Do?
125. Trade Tools
126. Tools of the Trade
194. The Bakery
212. Special Names Given to Leaders

Visit grocery stores, meat market, bakeries
How many workers do you see in each?

81. All Jobs are Important
57. Changing Times
58. Raising Vegetables
59. How Farming is Changing
63. Power of Advertising
70. Working in a Service Station
72. A Play Store

GRADE THREE (con't)

Scope and Sequence COMMUNITY SERVICES (con't)	Suggested Related Workers	Suggested Activities from Idea Book
		<ul style="list-style-type: none"> 80. There is Honor in Work 110. Environmental Control 122. Work and a Growing City 146. Service Careers 148. Janitor's Job 236. Do You Know the Truck Driver?
Types of Buildings	<p>Inspectors - electrical, plumber, building, zoning engineer, contractor, plumber, carpenter, electrician, brick mason, cement worker, glazier, painter, roofer</p>	<ul style="list-style-type: none"> 222. What's My Line? 223. Career Quiz Game 232. Occupation Game 270. Community Survey 271. Meaningful Environment
Bridges	<p>Bridge attendant, painter, paver, engineer, construction worker, safety inspector</p>	<ul style="list-style-type: none"> 210. Job Responsibility 230. Job Application Dramatization <p>Draw different types of bridges Identify bridges on City of Portland map</p>

GRADE FOUR

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests.

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work, experiential background, interests, aptitudes, capabilities, need for security and the rewards available.
2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes, attitudes and interests.

OBJECTIVES

Every learner upon completion of grade four, will be able to:

1. Assume responsibility for classroom jobs and evaluate performance
2. Evaluate personal attributes related to employability.

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities

CONCEPTS

1. People work
2. There are many kinds of work
3. People may assume manifold work responsibilities
4. Work has different kinds of rewards---financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment
5. An "Occupation" or "Career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner upon completion of grade four will be able to:

1. Identify and evaluate rewards that are received from jobs
2. Analyze variety of career possibilities in communities
3. Analyze the changing nature of job opportunities in terms of technology and the needs of people.

GRADE FOUR

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment

CONCEPTS

1. Workers are interdependent
2. The performance of work is facilitated by
 - preparation for the work
 - ability to work with others
 - employability "traits"
 - organizational pattern
 - resources available
 - division of labor
 - level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. Continuing education is essential to the maintenance of work skills and/or adaptation to changing job scenes.
5. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner upon completion of grade four will be able to:

1. Utilize mathematical knowledge to produce an item.
2. Analyze the need for good communication skills.
3. Recognize that a given skill or knowledge may be applied in a number of work situations.
4. Identify how a job may change.
5. Recognize that jobs require interdependency among workers.
6. Recognize that experience brings greater efficiency and skills to a job or related work activity.
7. Realize that health is a factor contributing to a worker's success.

GRADE FOUR

Refer to Sheet 1, Fourth Grade for GOALS, CONCEPTS, OBJECTIVES

Suggested Activities from Idea Book

Goal 1

Concepts

Objectives

Subject Areas

- | | | | |
|----|-------------------------|-----|------------------------------|
| 1. | Guid., H/S, L.A. | (1) | # 2. Evaluating Self |
| | Guid., H/S, L.A. | | 6-7. Evaluating Self |
| 2. | Guid., H/S, L.A. | (2) | 10. Health Habits |
| | Guid., H/S, Econ., L.A. | | 15. Rating Traits |
| | Guid., H/S, Econ., L.A. | | 14. Rating Work Habits |
| | Guid., L.A. | | 19. Aesop's Fables |
| | Guid., Econ., S.S. | | 17. Why Some People Are Poor |

Goal 2

Concepts

Objectives

- | | | | |
|----|------------------------------|-----|---------------------------------|
| 1. | Guid., H/S, Econ., L.A. | (1) | # 16. Happiness Is |
| | Guid., L.A. | | 18. Classmate of the Week |
| | Guid., Econ., S.S. | | 81. All Jobs Are Important |
| 2. | Guid., Econ., S.S., Math | (2) | # 83. What's In a Job? |
| | Guid., Econ., S.S. | | 85. Division of Labor at School |
| | Guid., Econ., L.A., S.S. | | 115. How Many Jobs Do I Know? |
| 3. | H/S, Econ., L.A., S.S., Math | (3) | #271. Meaningful Environments |
| | Guid., Econ., L.A., S.S. | | 94. Future Career |
| | Econ., S.S., Math | | 50. Bartering |
| | Econ., S.S., Math | | 56. Government Resources |

GRADE FOUR (cont.)

Refer to Sheet 1, Fourth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 3

Concepts

Objectives

Objectives	Subject Areas	<u>Suggested Activities from Idea Book</u>	
		#	
1.	Econ., L.A., S.S., Math	(1)	#73. Graphing Statistics
2.	Guid., Econ., L.A., S.S. Math, L.A., S.S. L.A., S.S. Guid., L.A.	(2)	#270. Community Survey 135. What's In a Cartoon? 109. Public Speaking 121. Levels of Skill
3.	H/S, Econ, S.S. Econ., S.S., Math Econ., Math Guid., H/S, L.A.	(3)	58. Raising Vegetables 65. Measurement Application 66. Comparing Container Values 111. Filing and Keeping Things in Order
4.	H/S, Econ., S.S., Math H/S, Econ. L.A., S.S.	(4)	59. How Farming is Changing 61. The History of An Invention
5.	Econ., L.A., S.S. Econ., L.A., S.S. Econ., S.S.	(5)	51. Business Exchange 122. Work and A Growing City 128. Help Wanted
6.	Econ., L.A., Math Econ., Math Econ., S.S., Math Econ., S.S., Math Guid., H/S, Econ. L.A., S.S., Math	(6)	68. Flea Market 70. Working in a Service Station 71. Mathematics Store 72. A Play Store 123. What I Need to Know
7.	Guid., H/S, L.A. H/S, S.S. H/S, Econ., S.S. Guid., H/S, L.A., S.S., Math	(7)	10. Health Habits For One Week 12. He althy Success 103. A Class Safety Engineer 105. Inspectors and Inspections

GRADE FIVE

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work experiential background, interests, aptitudes, capabilities, need for security and the rewards available.
2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes, attitudes and interests.

OBJECTIVES

Every learner will upon the completion of grade five be able to:

1. Assume responsibility for classroom jobs and evaluate.
2. Relate identified interests and abilities to occupational choice and to degree of satisfaction.
3. Explore interrelationship between attitude, ability, experiences, and performance.

GRADE FIVE

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities

CONCEPTS

1. People work
2. There are many kinds of work
3. People may assume manifold work responsibilities
4. Work has different kinds of rewards--financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner upon the completion of grade five will be able to:

1. Identify the many kinds of work and occupations, and the interdependence of each.
2. Explore several occupational areas.
3. Recognize that career selection may be based on a hobby.
4. Identify similar and contrasting job opportunities.
5. Analyze the changing nature of career opportunities.
6. Name and examine a variety of occupations.

GOAL #3

GRADE FIVE

Develop attitudes, knowledge and skills needed for effective employment.

CONCEPTS

1. Workers are interdependent
2. The performance of work is facilitated by
 - preparation for the work
 - ability to work with others
 - employability "traits"
 - organization\ pattern
 - resources available
 - division of labor
 - level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. Continuing education is essential to the maintenance of work skills and/or adaptation to changing job scene.
5. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner upon the completion of the grade five will be able to:

1. Analyze need for knowledge of good communication skills
2. Examine attributes needed by people in a number of different occupations.
3. Identify how industry may change because of resources
4. Recognize that similar jobs can be done in several businesses
5. Analyze and evaluate the contribution and interdependency of industries or businesses
6. Examine the process of getting and keeping a job

GRADE FIVE

Refer to Sheet 1, Fifth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 1

Concepts

Objectives

- | | | | |
|----|---|-----|--|
| 1. | Guid., L.A. | (1) | #210. Job Responsibility
18. Classmate of the Week |
| 2. | Guid., Health, Sci., L.A.
Guid., Health, Sci., L.A. | (2) | 3. View and Analyze Self
5. Rating Interest Areas
7. Evaluating Yourself |
| 3. | Health, S.S.
Guid., Health, Econ., L.A.
Guid., Health | (3) | 12. Healthy Success
15. Rating Traits Important to Job
16. Happiness Is--- |

Suggested Activities from Idea Book

Goal 2

Concepts

Objectives

- | | | | |
|----|--|------------|--|
| 1. | Guid., H/S, L.A., S.S., Math
" " , Econ., L.A., SS, Math
Sci., S.S.
Guid., H/S, S.S.
Econ., S.S.
Guid., H/S, S.S. | (1) | #105. Inspectors and Inspections
108. Teachers For A Day
110. Environmental Control
115. How Many Jobs Do I Know?
128. Help Wanted
146. Service Careers |
| 2. | Guid., L.A.
Econ., L.A., S.S.
Guid., L.A., S.S. | (2) | #106. How To Be a Good Salesman
113. Hats of The Trade
116. Similarities & Differences in Occupations |
| 3. | Guid., H/S, Econ., L.A., S.S., Math
H/S, S.S.
H/S, S.S., Math | | 118. Where Are The Jobs?
152. Greenhouse Growing
153. Percentage of Water in Foods |
| 4. | Guid., H/S, S.S.
L.A., S.S., Math
Econ., L.A., S.S. | (3)
(4) | 119. Fun and Careers
234. Record Holders
134. Journalism |

GRADE FIVE (con't)

Refer to Sheet 1, Fifth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal #2 (con't)

Concepts

Objectives

5.

Subject Areas
L.A., S.S.
Econ., S.S., Math
Econ., S.S., Math
Econ., S.S.

(5)

#231. Job Cluster Game
50. Bartering
56. Government Resources
62. Inventions

6.

H/S, Econ.
H/S, S.S.
L.A., S.S.
H/S, L.A., S.S.
L.A., S.S.
Guid., Econ., S.S.

(6)

138. Weather and Jobs
145. Who Fixes What?
222. What's My Line?
223. Career Quiz Game
211. Class Helpers
84. Awareness of Parent's Job

Goal #3
Concepts

Objectives

1.

L.A., S.S.
L.A., S.S.

(1)

132. Newspapers, Magazines, Books
135. What's In a Cartoon?

2.

Guid., Econ., L.A.
Guid., H/S, L.A.
Guid., H/S, Econ., L.A.
S.S., Math

(2)

121. Levels of Skill
120. An Interest List
123. What I Need to Know

3.

Econ., L.A., S.S.
H/S
Guid., Econ., L.A., S.S.,
Math

(3)

136. Authors
137. Class Photographer
274. Oregon Products Day

4.

Econ., S.S., Math.
L.A., S.S., Math
Econ., L.A., S.S.
Econ., L.A., S.S., Math

(4)

192. Assembly Line Projects
193. Assembly Line
63. The Power of Advertising
73. Graphing Statistics

GRADE FIVE (con't)

Refer to Sheet 1, Fifth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal	Concepts	Objectives	Subject Areas	Suggested Activities from Idea Book
3		5.		
			S.S., Math	(5) #190. Group Cooperation & Responsibility
			Guid., Econ., L.A., S.S., Math	270. Community Survey
			H/S, Econ., L.A., S.S., Math	275.. How Will We Survive?
				273. Preparing & Serving a Thanksgiving Dinner
		6.		
			Guid., L.A.	(6) 230. Job Application Dramatization
			Guid., L.A.	90. Job Application
			Guid., H/S, Econ., L.A., S.S. Math	91. Social Security Card Application

GRADE SIX

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests

CONCEPTS

1. Individual is influenced in the choice of work by many factors including the need for work, availability of work, experiential background, interests, aptitudes, capabilities, need for security and the rewards available.
2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes, attitudes, and interests.

OBJECTIVES

Every learner upon the completion of grade six will be able to:

1. Assume responsibility for classroom and school jobs and evaluate performance.
2. Analyze personal interests and aptitudes.
3. Examine occupations with respect to interest and aptitudes.

GRADE SIX

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities.

CONCEPTS

1. People work
2. There are many kinds of work.
3. People may assume manifold work responsibilities.
4. Work has different kinds of rewards—financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner upon the completion of grade six will be able to:

1. Analyze the changing nature of occupations.
2. Explore occupations which are familiar.

GRADE SIX

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment

CONCEPTS

1. Workers are interdependent
2. The performance of work is facilitated by
 - preparation for the work
 - ability to work with others
 - employability "traits"
 - organizational pattern
 - resources available
 - division of labor
 - level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner will upon the completion of grade six be able to:

1. Examine qualifications needed by workers in various jobs.
2. Recognize that occupations have vocabularies unique to them.
3. Relate the value of personality traits to doing a job.
4. Describe tools and equipment needed in various occupations.
5. Integrate computation skills and design capabilities with production skills.
6. Examine and work with tools.
7. Use and store AV equipment.
8. Become aware that most jobs are not so simple as they seem.

GRADE SIX

Refer to Sheet 1, Sixth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 1		<u>Suggested Activities from Idea Book</u>	
Concepts	Objectives	Subject Area	
1.	1.	Guidance	(2-3)
	2.	Economics	(1-2)
	3.	Language Arts	(1-2)
2.	1.	Social Studies	#272. Career Ed. Unit
	2.		90. Job Application
	3.		4. Becoming Aware of Self
Goal 2			
Concepts	Objectives	Subject Area	
1.	1.	Health, Science	(1)
	2.	Economics	57. Changing Times on America's Farms
	3.	Social Studies	59. How Farming is Changing
2.	1.	Math	60. Occupations Which Built America
	2.	Health, Science	118. Where Are The Jobs?
	3.	Economics, Social Studies	83. What's In a Job?
3.	1.	Guidance	84. An Awareness of Parent's Job
	2.	Economics	196. Occupational Tin Can People
	3.	Social Studies	103. Class Safety Engineer
4.	1.	Math	104. Personnel Management
	2.	Art	107. Appraisers
	3.	Language Arts	115. How Many Jobs Do I Know?
5.	1.	Art	
	2.		
	3.		

GRADE SIX (con't)

Refer to Sheet 1, Sixth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 3

Concepts	Objectives	Subject Areas	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Suggested Activities from Idea Book	
1.		Econ., Math Guid., Econ., S.S. S.S., Math									# 86. Timekeeper 17. Why Some People Are Poor 190. Group Cooperation	
2.		Econ., S.S., Math Guid., Health, Sci., L.A. L.A., S.S.									53. Careers Dependent on Nature 6 & 7. Evaluating Yourself 123. What I Need to Know 211. Class Helpers 212. Special Names Given to Leaders	
3.		Guid., Health, Sci. Econ., L.A., S.S., Math Guid., Econ., S.S., Math Guid., Health Sci., L.A. Guid., Health Sci., L.A., S.S.									93. Interview Dealer 83. What's In a Job? 5. Rating Interest Areas	
4.		Guid., Econ., L.A., S.S. Guid., S.S. Sci., Econ., S.S., Math									119. Fun and Careers	
5.		Econ., L.A., S.S.									92. Job Study 117. People, People 124. Measuring Tools	
6.		Econ., S.S. Econ., Math, S.S.									54. Beginning To End of Finished Product 62. Inventions 65. Measurement Application	
7. (Optional)											190. Group Cooperation and Responsibility 192. Assembly Line Projects 193. Assembly Line	
8.											Organize and train A.V. Committees 81. All Jobs Are Important 52. Checking Accounts 61. History of An Invention 191. Most Producers Are Specialists	

SAMPLE UNITS
ON CAREERS

SAMPLE HEALTH UNIT FOR PRIMARY CAREER EDUCATION

OBJECTIVE: To learn about health workers we meet during the year

QUESTIONS ABOUT HEALTH WORKERS

I. Nurse

- A. What types of nurses do we know?
 - (1) School nurse
 - (2) Hospital nurse
 - (3) Dental nurse
 - (4) Receptionist
- B. What is different/same about the jobs of each?
- C. What tools are used by each in their jobs?
- D. When does school nurse come and what does she do?

II. Doctor

- A. What types of doctors do we know?
- B. What tools are used by each?
- C. Can you name your doctor?
- D. Do you go to the Doctor's office or to a clinic?
- E. Do you go to the doctor's only when you are ill? Or for checkups too?
- F. Checkups---what do they involve?

ACTIVITIES

- Write short stories about duties of each type of nurse
- Invite school nurse to talk about her duties
- Make puppets
- Keep list of health habits for one week

AUDIO-VISUAL AIDS

- Practicing Good Health set #1, f.s.
- Ready Set Read (A) Cassette films 2-called "Guess their Jobs" f.s.
- Who Helps Us, Kit B, f.s.
- The Doctor, film
- The Hospital, film

Dramatize visit to doctor or dentist office

Dramatize play: World of Work,

Dunn-Payne, p. 30

Select corner to allow children to set up doctor or dentist's office

See Idea Book - 

Use books from library

Our Working World

film strips and records

QUESTIONS ABOUT HEALTH WORKERS

III. Dentist:

- A. What types of dentists can you name?
 1. Family dentist
 2. Children's dentist
 3. Orthodontist
 4. Oral Surgeon
- B. How often should you visit the dentist?
- C. How does the nurse aid the dentist?
- D. What other workers help the dentist?
 - hygienist, receptionist, technician
- E. How do we care for our teeth?
 - Discuss proper care, proper food, making dentist appointments.

IV. Audiometrist

- A. What does the audiometrist do?
- B. How can you help the audiometrist?
 - by listening, following directions
- C. What tools are used by the audiometrist?

V. Culminating question for each occupation

- A. What training do these people need for their particular job?
- B. What can we learn that might help us in these jobs?

SAMPLE UNIT (con't)

ACTIVITIES

Invite dental auxiliary to visit classroom
 Make nurse hats for girls and Doctor's headband for boys with mirror made from foil
 Use camera for taking pictures of children's happy smiles

#10. Health Habits for One Week

222. What's My Line?

125. Trade Tools

126.. Tools of the Trade

113. Hats of the Trade

220. Occupation Riddles

117. People People Everywhere

13. Good Grooming

11. Health Fun

12. Healthy Success

16. Happiness Is

195. Stuffed Career Characters

228. Let's Have Our Own T.V. Program

224. Puppet Dramas on Careers

Summation:

#116. Similarities and Differences in Occupations

AUDIO-VISUAL AIDS

Your Teeth, f.

Workers for Health, f.s.

Who Helps Us, f.

Herbie's Dream, f.s.

Curious George Goes to the Hospital

Learning About Health (set), f.s.

Learning to Learn (set), f.s.

Night Community Helpers, f.

Let's Talk About Your Teeth, f.s.

What Will I Be from A to Z
 (Oregon Dairy Council)

Your Ears, f.

You and Your Eyes, f.s.

You and Your Ears, f.s.

A SUGGESTED UNIT

GRADES 4-6 - THE HOSPITAL

Example:

GRADE LEVEL SIX

Goal #2:

Examine the concepts of work and work roles and the multiple occupational possibilities

1. People work
2. There are many kinds of work
3. An "occupation" or "career" is that work which one selects as a means of earning money.
4. Study and identify occupations of the hospital.
5. Contrast job opportunities in hospital to the opportunities in the city.
6. Analyze the changing nature of career opportunities

OBJECTIVE

Explore occupations which are familiar

ACTIVITY

Visit to Portland Adventist Hospital (Note: See field trip section for other hospitals)

FOLLOWUP

List the jobs in hospital

Look through magazines for pictures of services of hospital--make a bulletin board of collage of services in hospital
Junior Red Cross - make tray decorations for children's hospital at holiday time

Game to Play: "What's My Line?" Idea Book #222 - This game follows format of popular T.V. version. Assign to each class member a job title from the health-hospital occupations cluster. Each pupil should know enough about his "job" to answer 20 questions.

Dress Codes - Create different images, surgery gowns, caps in hospital, Idea Book #114

A SUGGESTED UNIT - HOSPITAL, (con't.)

FOLLOWUP (con't)

Specialization and use of tools - What's in a Job? Idea Book #92 - Figure our jobs. How does one make a living - skilled - unskilled?

A Play from World of Work, pp. 30, 31 Play: You're A Blockhead, Charlie Bronson

A Game from World of Work, p. 69, Paragraph G.

Spelling Words:

Hospital	physician	central	office	aide
x-ray	doctor	technician	admitting	laboratory
nurse	orderly	clean	patients	surgeon
candy striper	volunteer	laundry		

Books: Multnomah County Library - Doctors and Nurses and What They Do - Curious George Goes To The Hospital

Curriculum Library: Eberle, Irmingarde, Modern Medical Discoveries (Crowell, 1968)

Fisher, Leonard Everett, The Doctors (Watts, 1968)

Hume, Ruth F., Great Men of Medicine (Randon, 1960)

Kay, Eleanor, The First Book of Nurses (Watts, 1968)

Greene, Carla, Childrens Press 1956-1969

Baker	Mechanic	Scientist
Doctor	Nurse	Resturant Owner

Shay, Arthur What Happens When You Go To The Hospital? Keilly and Lee 1969

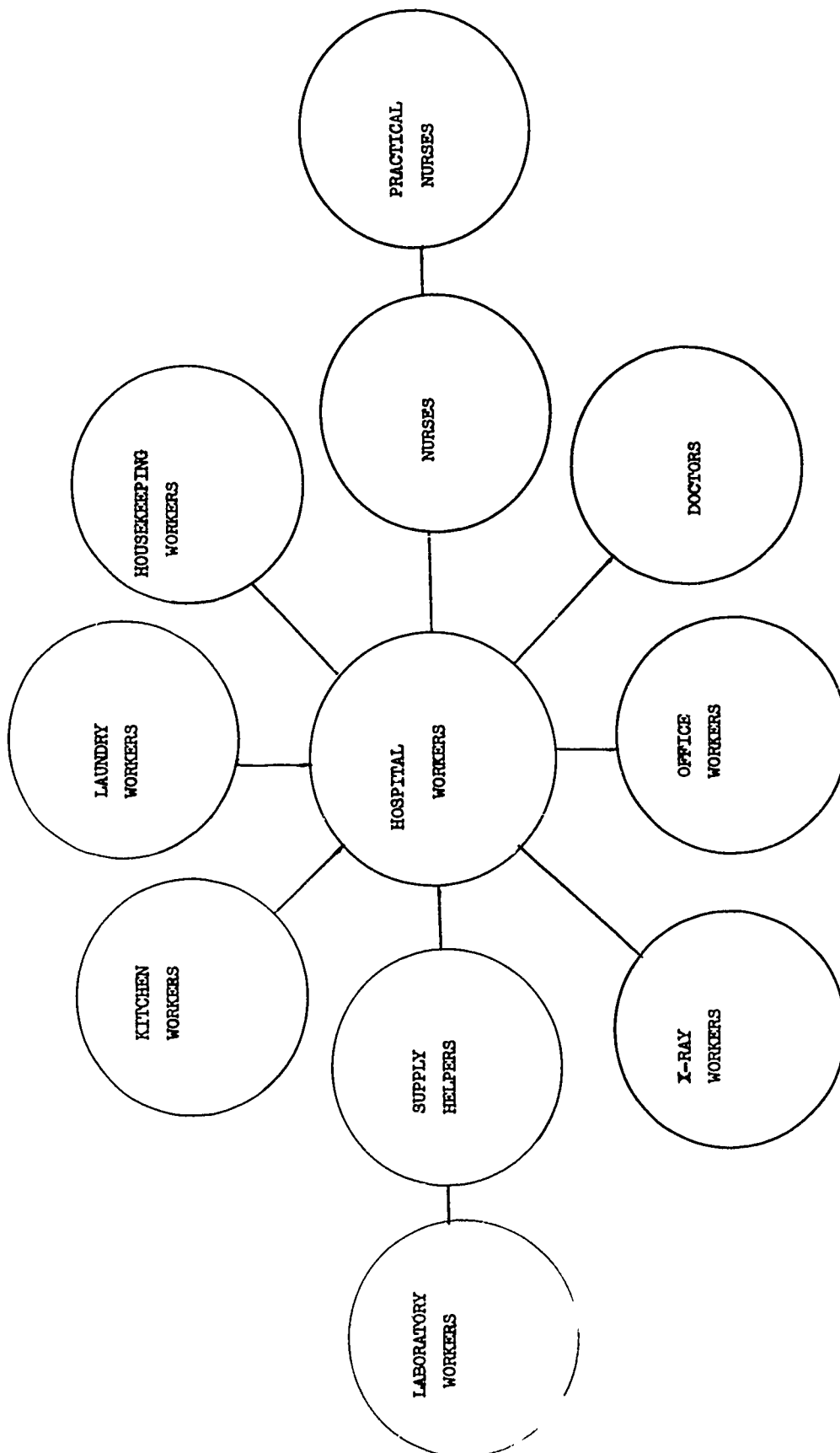
Film Strips: Central Medical Supply - 10 filmstrips, 10 records 1969

EVALUATION: L.A. "What Job Would I Like To Have If I Worked In A Hospital?"

See also, Act. #123 Idea Book - "What I Need to Know" (must be adapted)

Act. #115 Idea Book - "How Many Jobs Do I Know" (must be adapted)

THIS UNIT CAN BE ADAPTED TO ANY JOB CLUSTER

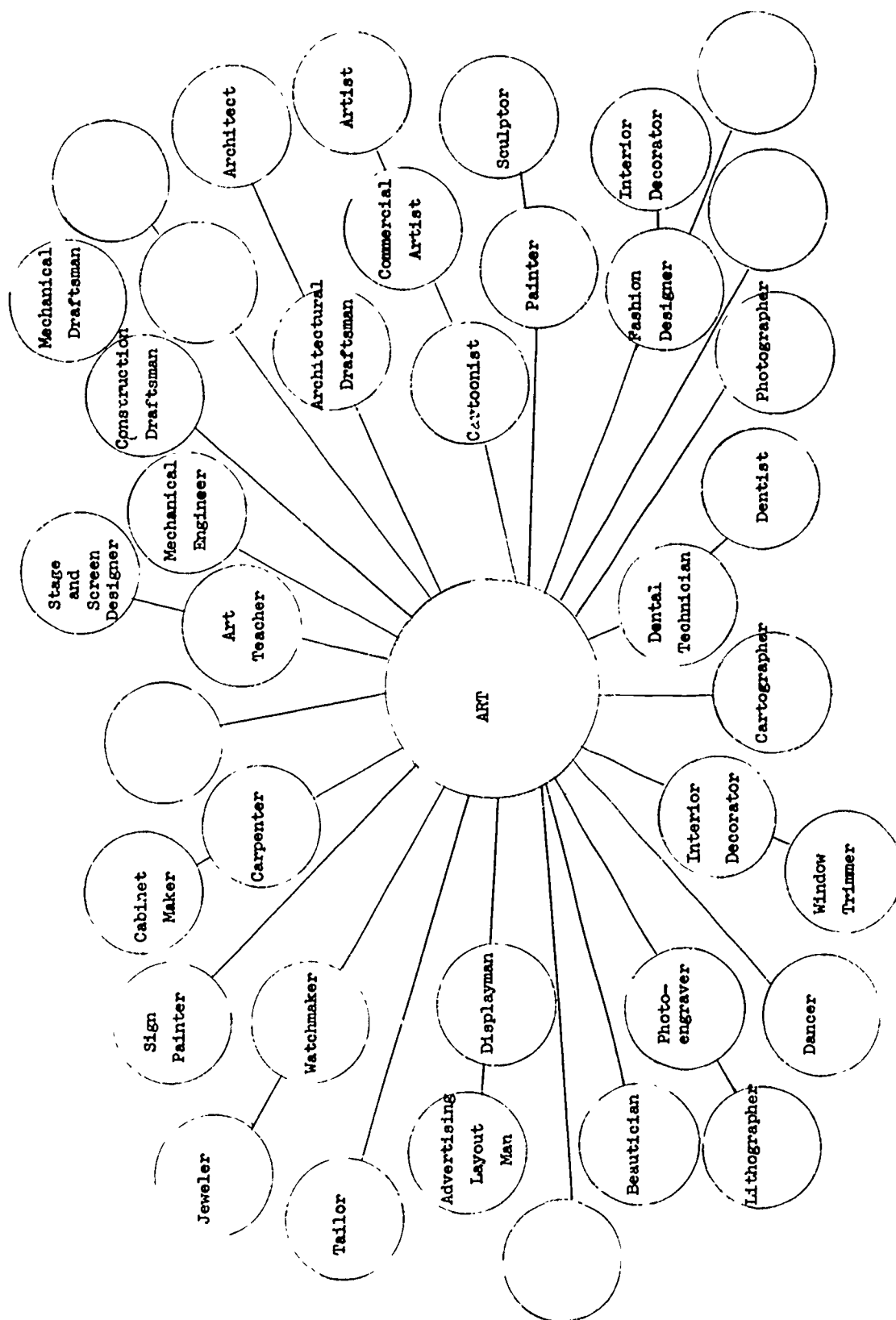


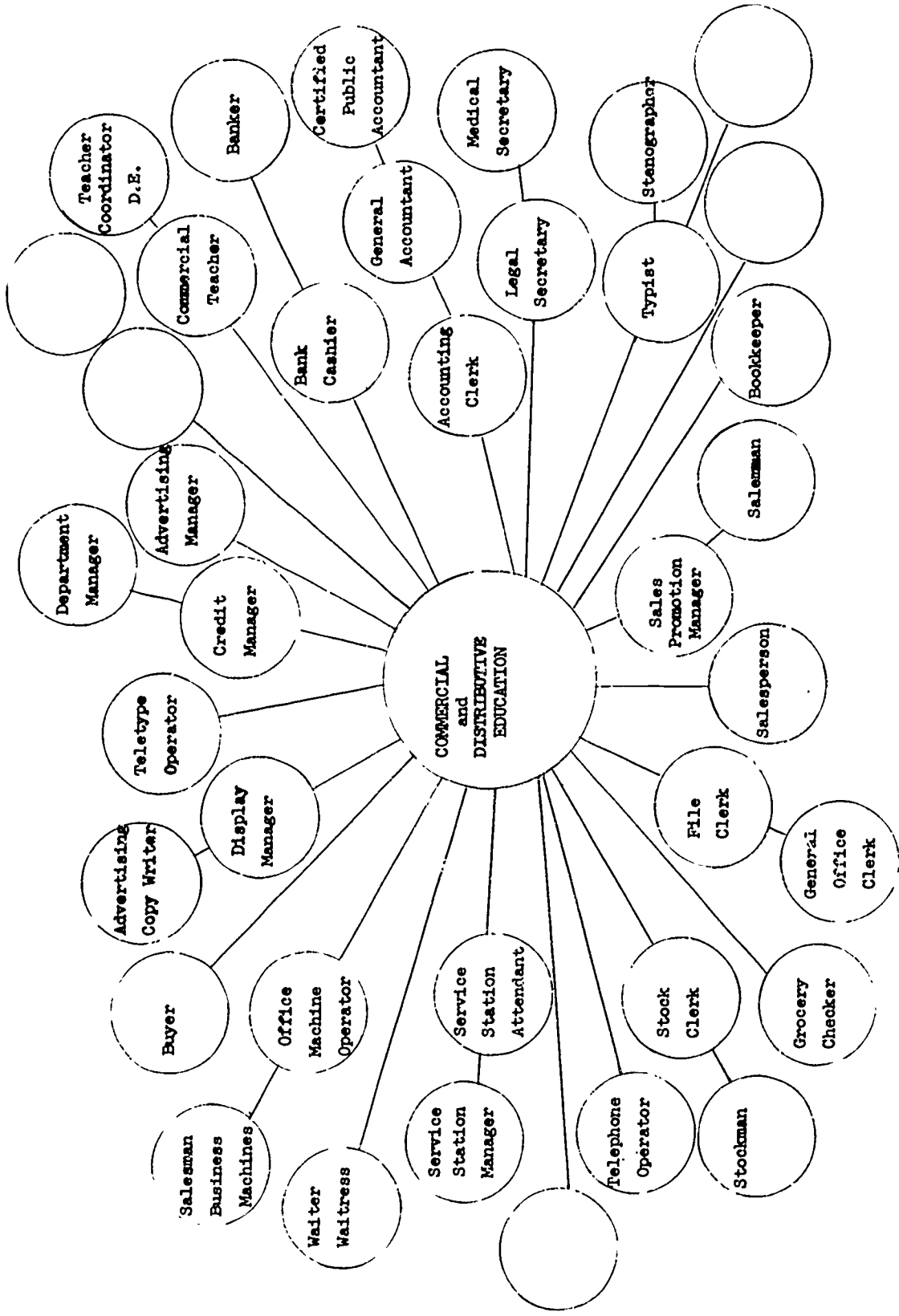
CAREER EDUCATION - CLUSTER CONCEPT

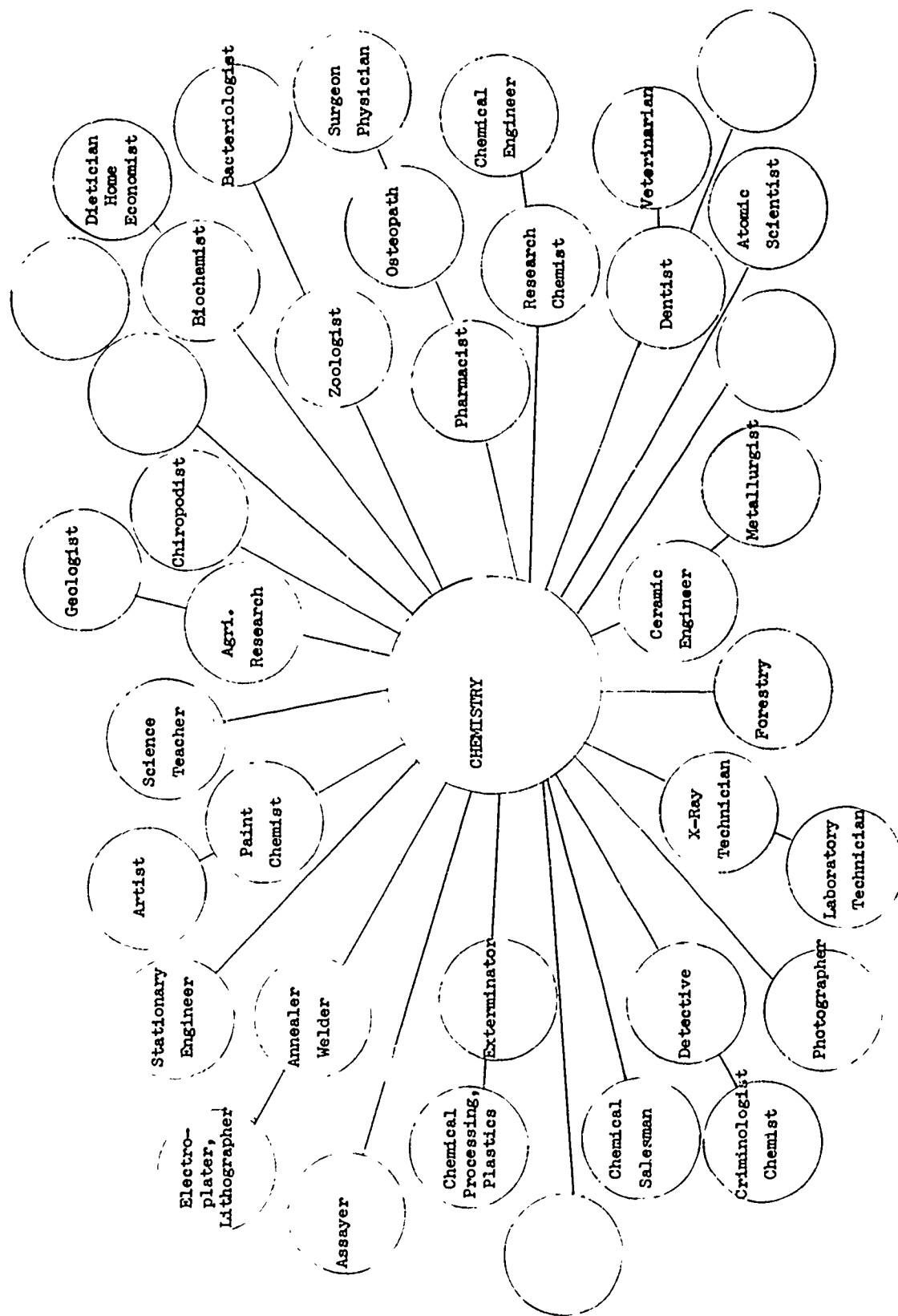
Cluster: A family of occupations related by common skills and knowledge

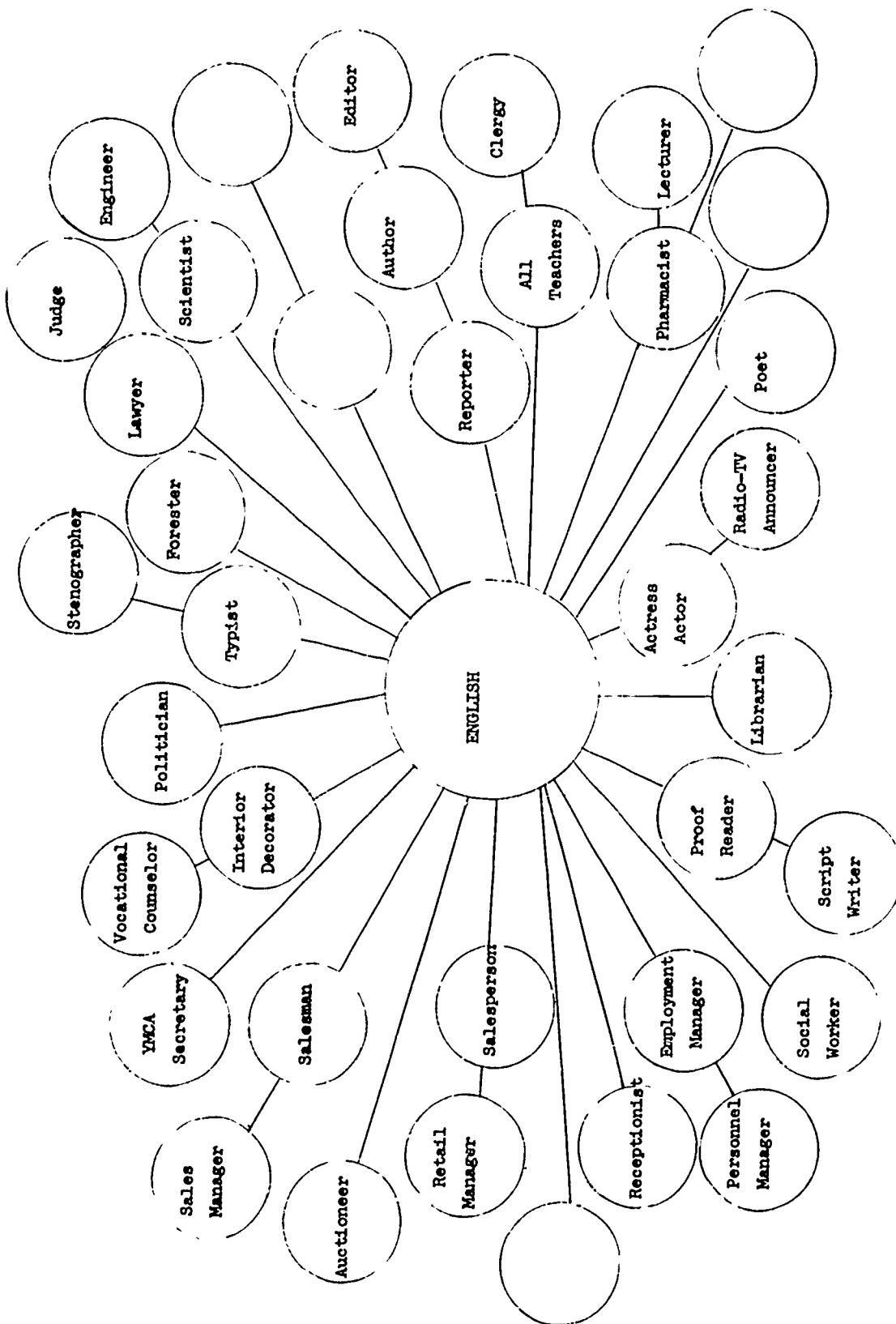
Courtesy of:
Paul Stuart, Industrial Arts Teacher
Presently at Clinton Kelly School

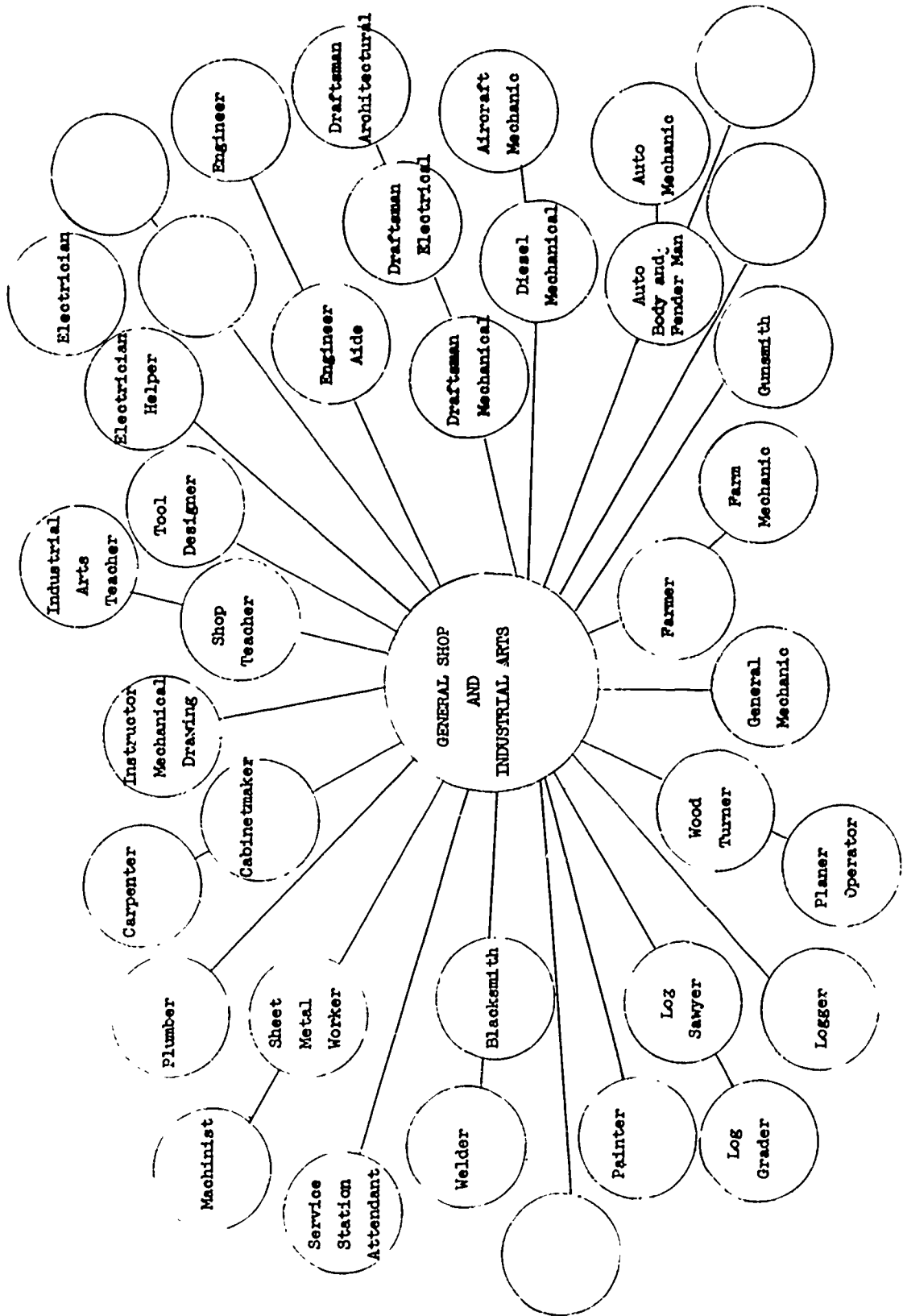
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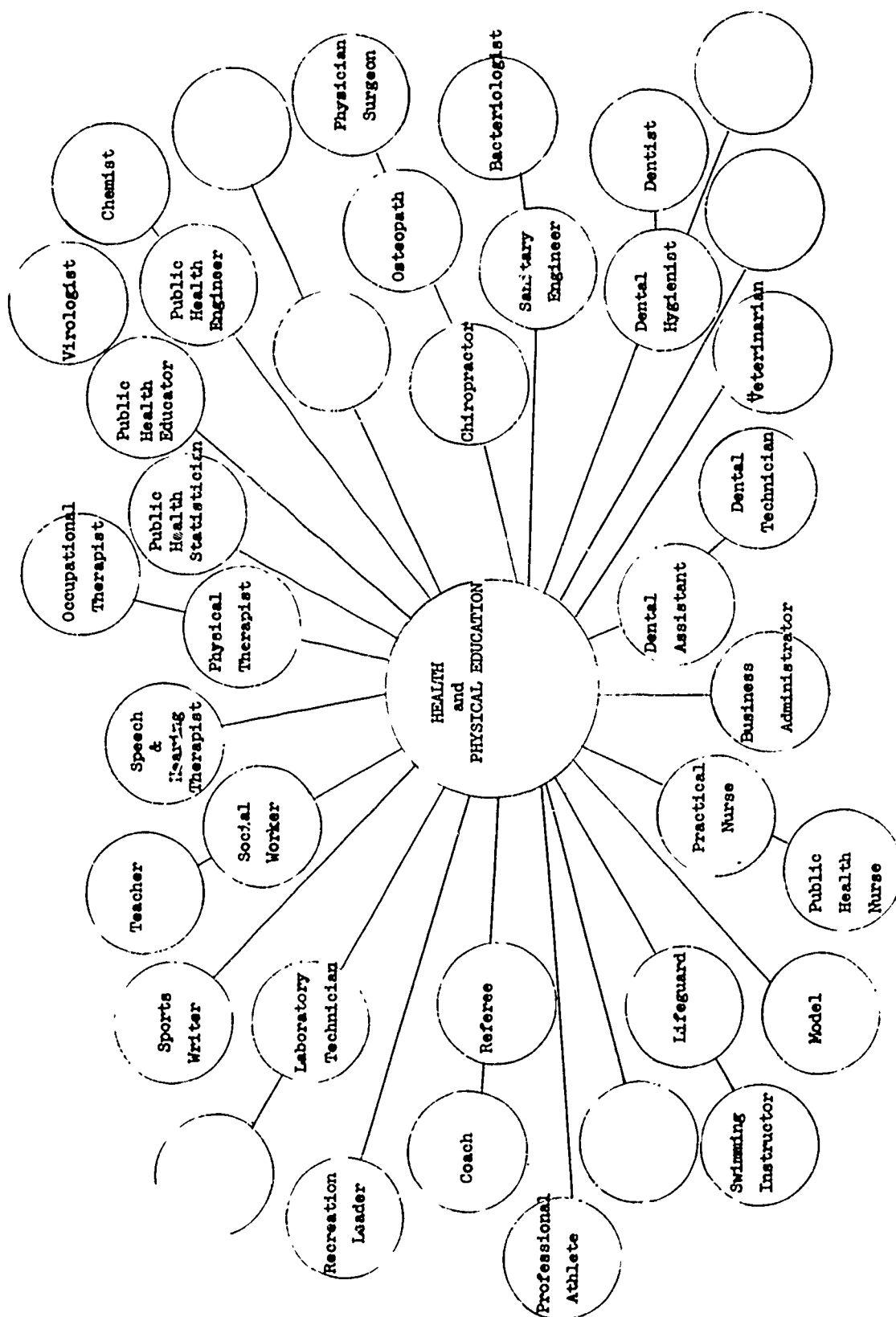


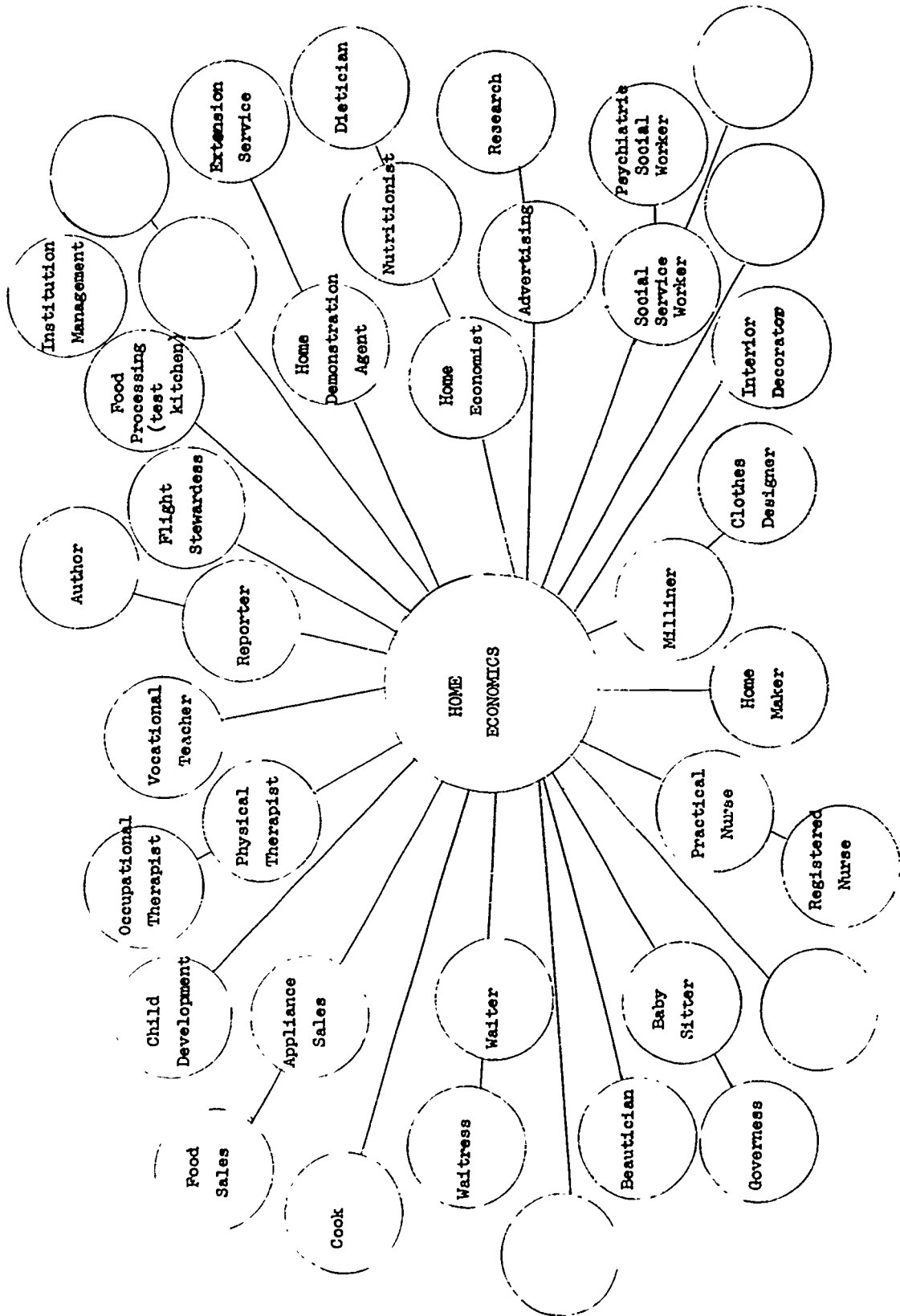


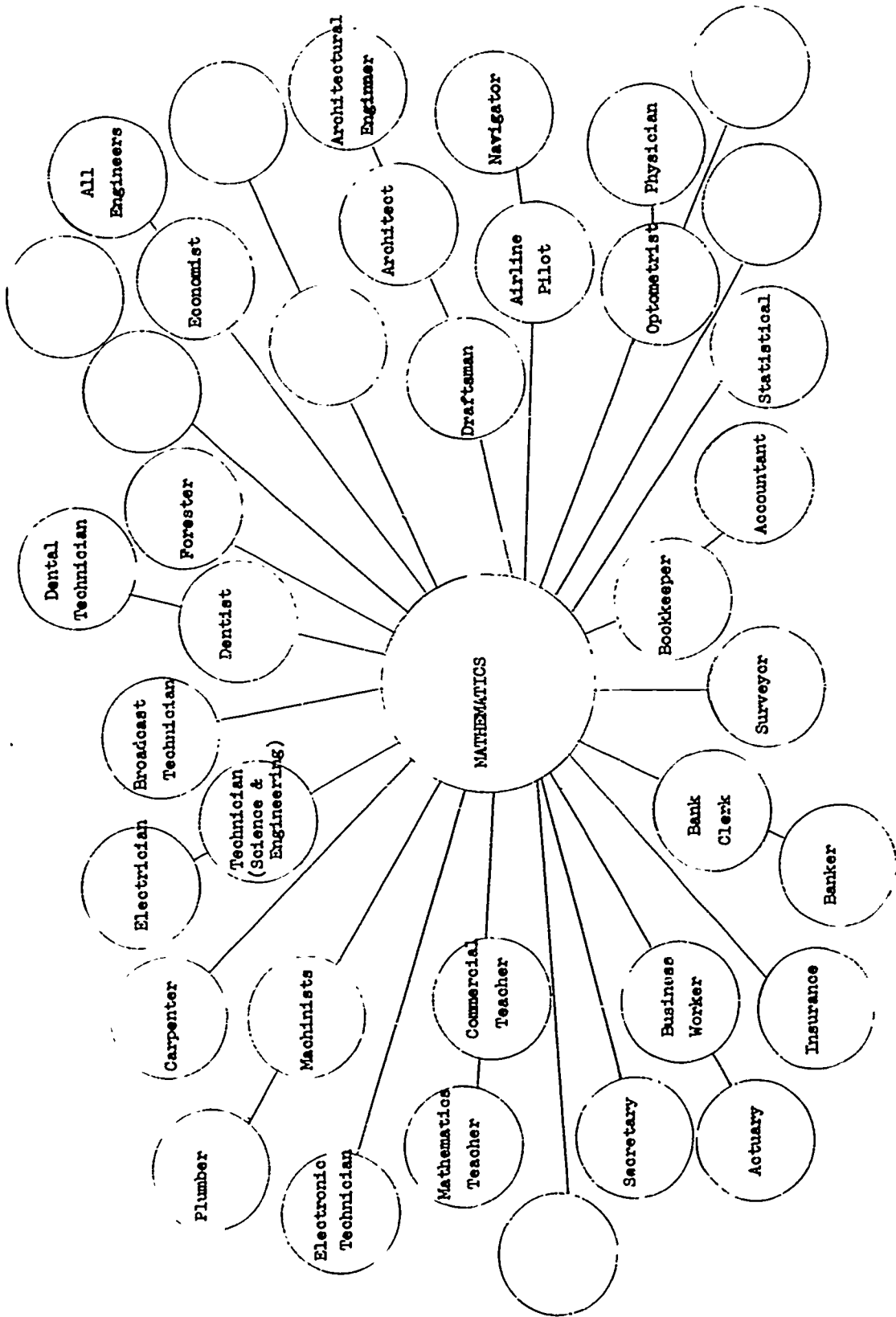


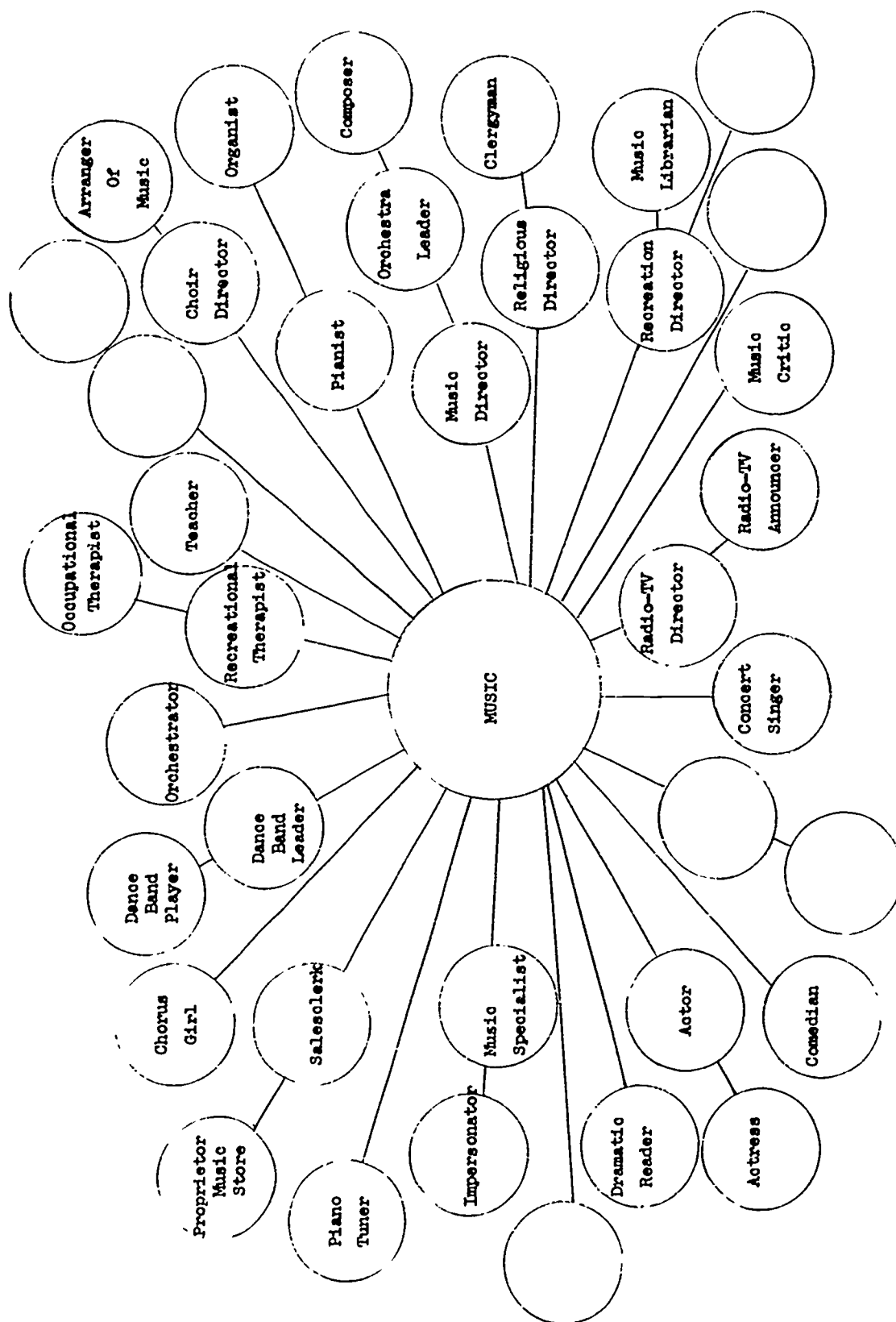


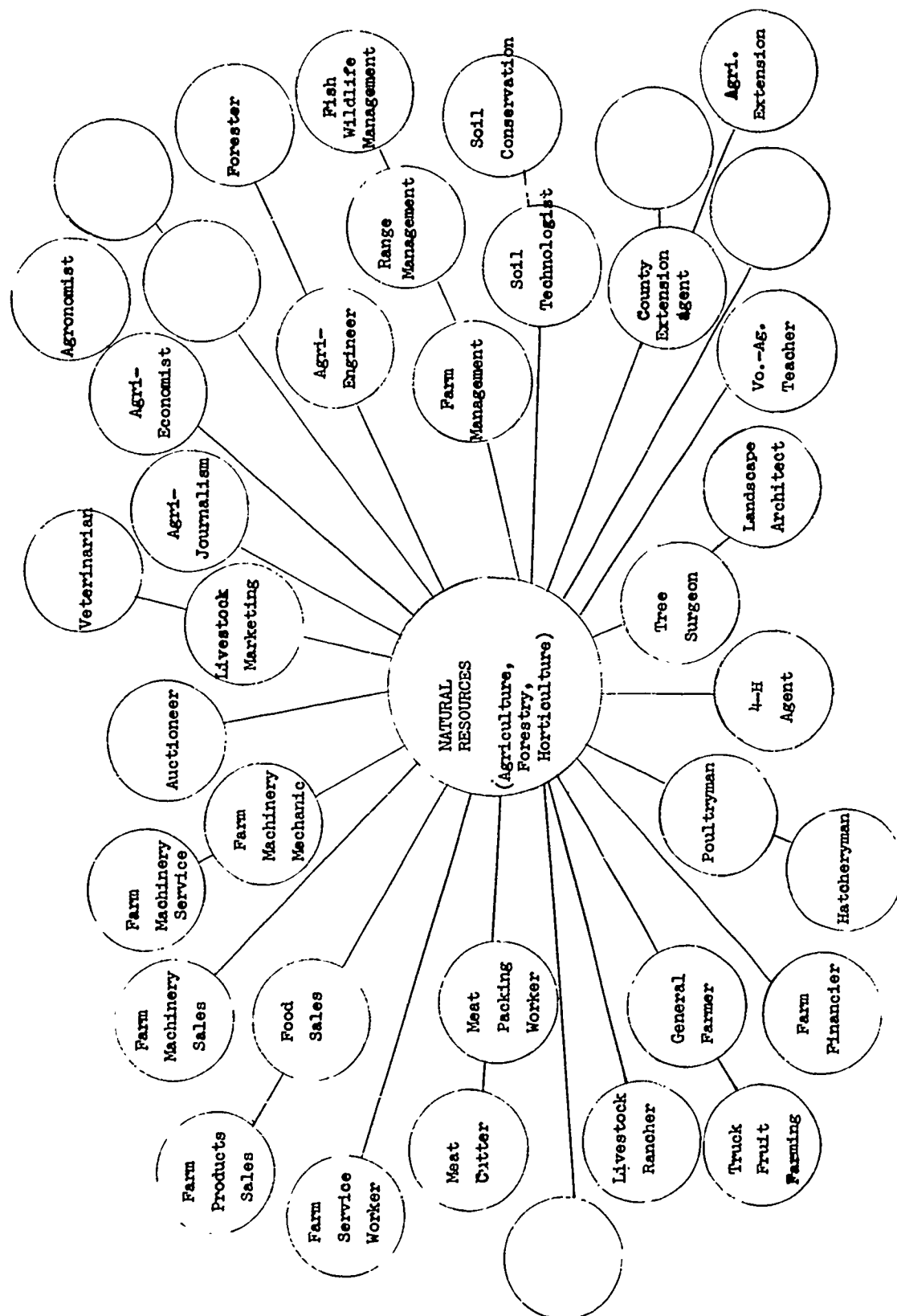


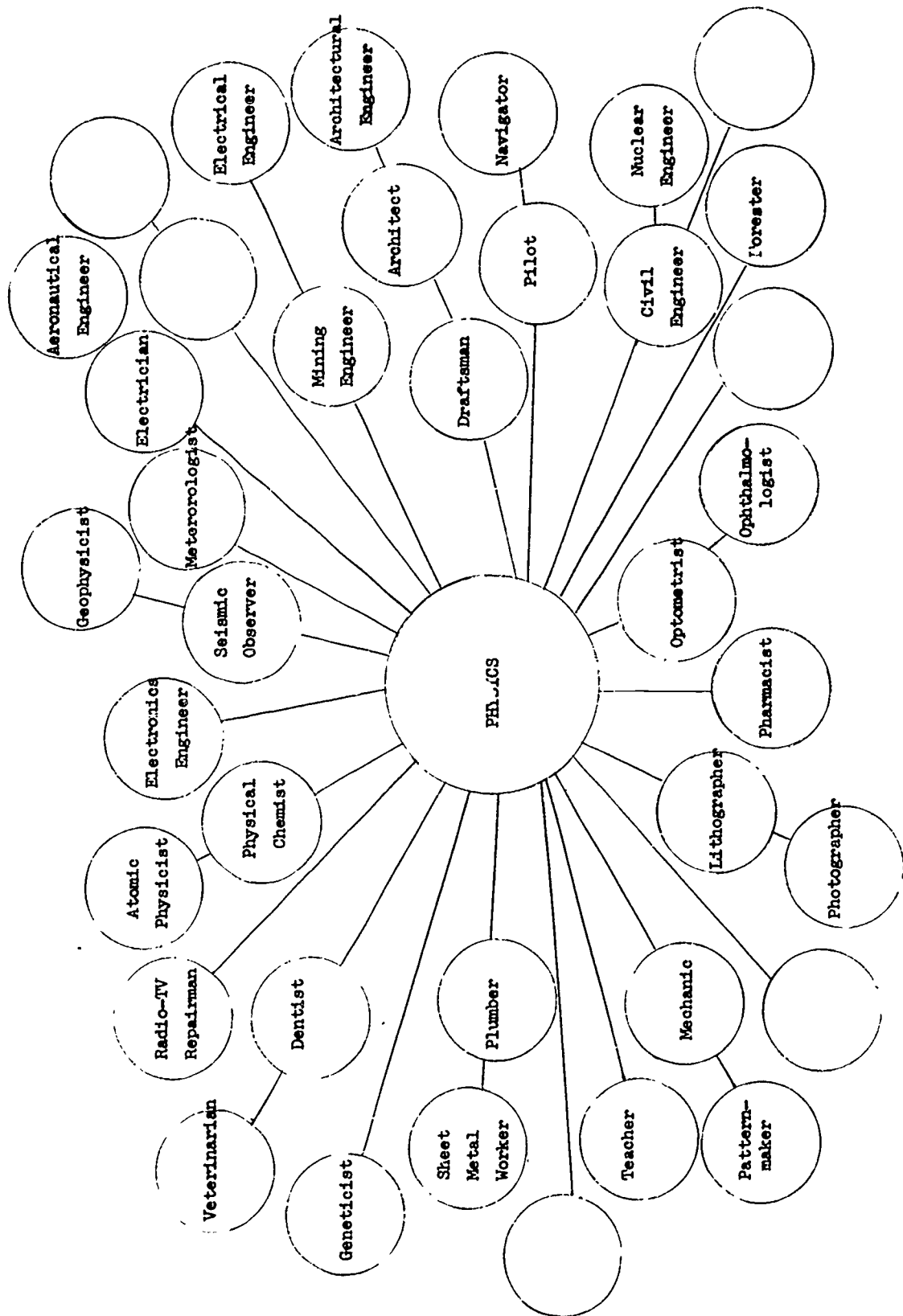


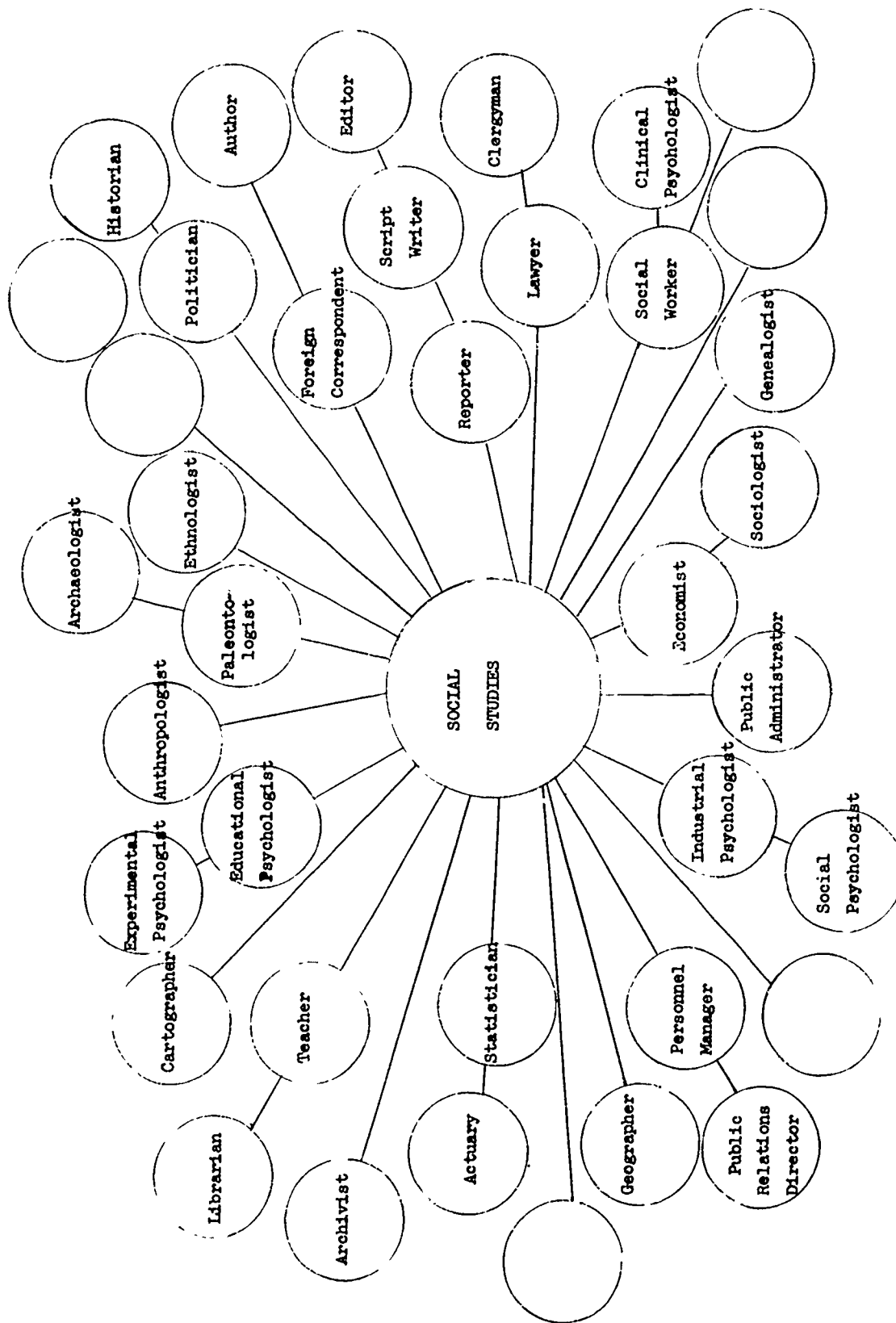












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p. 3

SUGGESTED EVALUATION ACTIVITIES

(May be used for evaluation prior to and after the study of a career cluster or unit)

SUGGESTED EVALUATIVE INSTRUMENT FOR K-2

Each teacher may choose an activity which she would like in order to evaluate each child. Class discussions, Glasser Class Meetings, and drawing pictures are suggested activities.

1. Name two jobs which you perform at home.
2. Name two jobs which you perform at school.
3. What do you need to know about classroom jobs in order to do them well?
4. Name several occupations which a person may choose.
5. What would you like to be when you grow up?
6. What do you like to do?
7. Name several jobs that family members do in a home.
8. Name several jobs that family members do outside the home.
9. What is your job now?
10. Discuss several occupations including what a person needs to know, what does he do, what does he wear, what tools does he need.
11. What good grooming habits do we need to use?
12. What does good food do for us?
13. How can we work with classmates; what should we do to work together better?

SUGGESTED VOCABULARY WORDS

Ability	Community	Helper	Machine	Services
Behavior	Employee	Habit	Money	Skill
Boss	Employer	Hobby	Occupations	Tool
Business	Goods	Income	Products	Work
			Responsibility	Worker
			Salary	

SUGGESTIONS FOR CAREER EDUCATION EVALUATION -- GRADES 3-4

The following evaluations may be adapted to each unit

Discuss and list with the class:

1. What are some of the skills you are learning in school that are necessary in the world of work.
2. What is the difference between an occupation and a hobby?
3. What qualities do you think a salesman e.g. should have to sell insurance ?
4. Name five jobs connected to the lumber industry
5. What is the difference between a vocation and an avocation?

The class can play a game concerned with reasons people work. The teacher may begin the game by saying, "People work for money". Each child takes a turn repeating everything that has been said before his turn, in the proper sequence, and adding his own reason to the list. The class must begin the game anew if a student repeats a reason already given.

The teacher asks the class: Why do people work besides for money? How each child responds gives the basis for evaluation.

The teacher instructs the class to:

Community Workers

- (1) Draw a picture of a city street with as many workers as possible working at their jobs.

Hospital Workers

- (2) Draw a picture of a hospital scene with as many workers as possible working at their jobs.

Airport Workers

- (3) Draw a picture of an airport with as many workers working as possible.

SUGGESTED SAMPLE LESSON USING CAREER VOCABULARY

Name _____
Date _____

New words:

work job brother help skills
tools help sister chores salary

Fill in blanks

1. My Dad goes to work every day except Saturday and Sunday.
2. He uses many tools in his job.
3. My brother / sister and I help my mother with chores around home.
4. We learn useful skills at home.

1. The money paid to a worker on a regular job is called
 1. money
 2. salary
 3. bank
 4. goal
2. The money earned by a worker is called
 1. employer
 2. job
 3. reward
 4. income
3. The person whom my father/mother works for is called an
 1. clerk
 2. employer
 3. custodian
 4. employee

SUGGESTED CAREER VOCABULARY

GRADES 3-6

GRADE 3

job
skill
task
goal
hobby
ruler
trade
money
helper
tools
needs
career
occupation
responsibility
cluster
family
mother
father
sister
brother
pets
nurse
market
bank
school
chores
goods
habit
earns

GRADE 4

teacher
custodian
principal
hospital
airport
fireman
postman
policeman
dairy
milkman
public
wholesale
retail
people
ideas
things
traffic
music
ability
income
salary
earning
problem
talent
dependable

GRADE 5

mining
forestry
fishing
manufacturing
construction
transportation
communication
utilities
cities
services
professionals
materials
supervisor
designer
editor
librarian
messenger
employee
employer
machine
services
clerical

GRADE 6

attitudes
abilities
interests
values
communities
vocational
technology
education
experience
employment
punctua.
dependable
essential
asset
liability
evaluation
understanding
behavior
cooperation
leisure
abilities
scientific
physical
mental
courtous
vacation
avocation

These words may be used for word recognition, spelling and other language arts activities

EVALUATION ACTIVITY GRADES 5-6

The students may complete a matching exercise which will indicate his understanding of terms dealing with the world of work. The following may be included:

- | | |
|---------------------------|---|
| (1) ability | (a) Ability to draw and paint pictures |
| (2) job family | (b) To like or to give attention |
| (3) interdependency | (c) To look carefully and think about |
| (4) leisure time | (d) To have talent to do something |
| (5) cooperation | (e) A particular place |
| (6) geographical location | (f) Working at a job in addition to one's regular, full-time employment |
| (7) artistic ability | (g) Jobs that are related |
| (8) moonlighting | (h) Working together |
| (9) observing | (i) Dependent on one another |
| (10) interest | (j) Free or unoccupied time from work |

Answer Key: (1) d (2) g (3) i (4) j (5) h (6) e (7) a (8) f (9) c (10) b

DIRECTIONS: JOES! JOBS! JOBS!

There are hundreds of different jobs that people do. You are asked to write or print as many kinds of jobs there are, you can think of in 5 minutes. Do not hurry and do not worry about spelling. Try not to repeat jobs. If you need more room use the back of this paper.

(Be certain all students understand the directions and repeat them if necessary)

PORTLAND PUBLIC SCHOOLS - AREA II
QUESTIONNAIRE FOR CAREER EDUCATION

NAME _____ GRADE _____
SCHOOL _____ TEACHER _____
SEX _____ DATE _____

(SAMPLE: 1. Welder, 2. Cherry Picker, 3. Hotel Clerk, etc.)
(Time: Exactly 5 minutes)

- | | | |
|----|-----|-----|
| 1. | 10. | 19. |
| 2. | 11. | 20. |
| 3. | 12. | 21. |
| 4. | 13. | 22. |
| 5. | 14. | 23. |
| 6. | 15. | 24. |
| 7. | 16. | 25. |
| 8. | 17. | 26. |
| 9. | 18. | 27. |

QUESTIONNAIRE FOR CAREER EDUCATION

2

NAME _____ GRADE _____ SEX _____
SCHOOL _____ TEACHER _____ DATE _____

DIRECTIONS: For some jobs people need to go to high school, for other jobs they need college. Below are a list of jobs, some of which need a high school education, and some need a college education. Mark an X in column A if the job needs a HIGH SCHOOL EDUCATION. Mark an X in column B if the job needs a COLLEGE EDUCATION. Take as much time as you need.
(TEACHER MAY READ THE WORDS FOR YOU, BUT MAY NOT TELL YOU WHAT THEY MEAN)

	NEEDS ONLY HIGH SCHOOL OR LESS		NEEDS ONLY HIGH SCHOOL OR LESS		NEEDS COLLEGE
	A	B	A	B	
SAMPLE: TRUCK DRIVER	X				
1. DOCTOR.					
2. LONGSHOREMAN.					
3. ELECTROPLATER.					
4. SCHOOL TEACHER.					
5. VETERINARIAN.					
6. FRUIT PACKER.					
7. LETTER-CARRIER.					
8. SECURITY OFFICER.					
9. TOOL & DIE MAKER.					
10. FIREMAN					
11. ELECTRICAL ENGR.. . . .					
12. F.B.I. AGENT.					
13. DIETITIAN					
14. POULTRYMAN.					
15. LAWYER.					
16. CHOKER-SETTER.					
17. CRANE OPERATOR					
18. DRUGGIST					
19. AIRLINE PILOT.					
20. LIBRARIAN.					
21. AIRLINE STEWARDESS					
22. CASHIER.					
23. MACHINIST.					
24. GLAZIER.					
25. CABINETMAKER					
26. DENTIST.					
27. MODEL.					
28. SECRETARY.					
29. SOCIAL WORKER.					
30. FLORIST.					

QUESTIONNAIRE FOR CAREER EDUCATION

3

NAME _____ SEX _____
SCHOOL _____ GRADE _____ TEACHER _____ DATE _____

DIRECTIONS: In the world some people work mainly by using their hands and some people work mainly by using the minds. Below are a list of jobs. Mark an X in column A if you think the person works mainly with his HANDS. Mark an X in column B if you think the person works mainly with his MIND. Take as much time as you need. (TEACHER MAY READ WORDS FOR YOU, BUT MAY NOT TELL YOU WHAT THEY MEAN).

	WORKS MAINLY WITH HANDS		WORKS MAINLY WITH MIND	
	A	B	A	B
SAMPLE: TRUCK DRIVER	X			
1. LUMBER GRADER.				
2. LAWYER				
3. WEATHERMAN				
4. SCHOOL TEACHER				
5. FRUIT SORTER				
6. ARCHITECT.				
7. TOOL & DIE MAKER				
8. RADIO ANNOUNCER.				
9. DRAFTSMAN.				
10. LIBRARIAN.				
11. FIREMAN.				
12. INSURANCE SALESMAN				
13. BUS DRIVER				
14. SHEETMETAL WORKER.				
15. BARBER				
16. BEAUTICIAN				
17. P.B.I. AGENT				
18. MILLWRIGHT				
19. FOOTBALL COACH.				
20. WRITER				

QUESTIONNAIRE FOR CAREER EDUCATION

NAME _____ GRADE _____ SEX _____
 SCHOOL _____ TEACHER _____ DATE _____

DIRECTIONS: We all know that some people work INDOORS and some people work OUTDOORS. From the list below we would like you to decide if the person working at the job works MAINLY INDOORS OR MAINLY OUTDOORS. Mark an X in column A if you think the person works mainly INDOORS. Mark an X in column B if you think the person works mainly OUTDOORS. Take as much time as you need. (TEACHER MAY READ THE WORDS FOR YOU BUT, MAY NOT TELL YOU WHAT THEY MEAN).

	WORKS MAINLY INDOORS A	WORKS MAINLY OUTDOORS B
SAMPLE: WHEAT FARMER		X
1. RIGGER.		
2. SAWYER.		
3. LINEMAN		
4. GARMENT CUTTER.		
5. ACCOUNTANT.		
6. UPHOLSTERER		
7. SALES CLERK		
8. CRANE OPERATOR.		
9. CASHIER		
10. ROOFER.		
11. AIRLINE STEWARDESS.		
12. ELECTROPLATER		
13. DENTAL HYGIENIST.		
14. BRICKLAYER.		
15. CEMENT MASON.		
16. CONSTRUCTION WORKER		
17. LANDSCAPER.		
18. STEAM FITTER.		
19. FRUIT SORTER.		
20. SURVEYOR.		

QUESTIONNAIRE FOR CAREER EDUCATION

5

NAME _____ GRADE _____ SEX _____

SCHOOL _____ TEACHER _____ DATE _____

DIRECTIONS: Some people work mainly with other PEOPLE, others work mainly with TOOLS AND MACHINES, and some people work mainly with PENCIL AND PAPER. Below is a list of jobs that people do. Mark an X in column A if you think the person works mainly with PEOPLE. Mark an X in column B if you think the person works mainly with TOOLS AND MACHINES. Mark an X in column C if you think the person works mainly with PAPER AND PENCIL. Take as much time as you need. (TEACHER MAY READ WORDS FOR YOU BUT MAY NOT TELL YOU WHAT THEY MEAN).

	MAINLY PEOPLE A	TOOLS OR MACHINES B	PENCIL OR PAPER C	MAINLY PEOPLE A	TOOLS OR MACHINES B	PENCIL & PAPER C
SAMPLE: TEACHER	X					
WRITER			X			
REPAIR MAN		X				
1. CHOKER-SETTER				17. CAR SALESMAN		
2. BEAUTICIAN				18. COUNSELOR		
3. WEATHERMAN				19. PLASTERER		
4. DRAFTSMAN				20. MILLWRIGHT		
5. HOSPITAL ORDERLY				21. EDITOR		
6. LONGSHOREMAN				22. CEMENT MASON		
7. DIESEL MECHANIC				23. GLAZIER		
8. LINEMAN				24. AUDITOR		
9. USHER				25. INTERVIEWER		
10. PHYSICAL THERAPIST						
11. PAROLE OFFICER						
12. BOOKKEEPER						
13. RECEPTIONIST						
14. JOURNALIST						
15. MATHEMATICIAN						
16. COMPOSER OF MUSIC						

QUESTIONNAIRE FOR CAREER EDUCATION

6

NAME _____ GRADE _____ SEX _____
SCHOOL _____ TEACHER _____ DATE _____

DIRECTIONS: All kinds of people do all kinds of jobs. Some people like their jobs and others don't like their jobs. You are going to have a chance to choose the jobs that you would most like to do when you grow up. Look over the entire list first, then circle the three jobs that you would most like to do. Take as much time as you want. (TEACHER WILL READ THE WORDS FOR YOU BUT MAY NOT TELL YOU WHAT THEY MEAN). Circle only 3 jobs.

- | | | |
|---------------------|--------------------|----------------------|
| LAWYER | SALES CLERK | HOMEMAKER |
| LOGGER | MEAT CUTTER | COMMERCIAL FISHERMAN |
| BOOKKEEPER | ARCHITECT | CLERK TYPIST |
| TEACHER | DOCTOR | AIRLINE STEWARDESS |
| ELECTRICIAN | DIESEL MECHANIC | CARPENTER |
| JOURNALIST | METER MAID | SURVEYOR |
| BANK TELLER | FOOTBALL COACH | |
| AUTO MECHANIC | BRICKLAYER | |
| EDITOR | WEATHERMAN | |
| NURSE | MINISTER | |
| FORESTER | METAL WORKER | |
| ARTIST | BUILDING INSPECTOR | |
| POLICEMAN | SECRETARY | |
| FARMER | TRUCK DRIVER | |
| ELECTRICAL ENGINEER | DESIGNER | |

RESOURCES AND FIELD TRIPS

Current Listings
for
academic year 1972-73

FIELD TRIPS

Most of these field trips are listed in either

Multnomah County Field Trip Guide
The Community--Our Classrooms, Portland Public Schools

AGRICULTURE

Roger's Stables
4th Estate Farms
Pacific International
Livestock Exposition
Sentry Viking Park
J. Frank Schmidt Nursery
J.B. Whalley Greenhouse

BUSINESS AND INDUSTRY

Allyn's Cleaners
Boise Cascade
Container Corp. - Fibre Can
Crown Zellerbach - Camas, West Linn
Danner Shoe Mfg. Co.
Firestone Tire and Rubber Co.
Freightliner Corporation
Goodwill Industries
Hilton Hotel
Import Plaza
Kandel Knitting Mills
Lloyd Center
Mall 205
Northwest Natural Gas Co.
Pendleton Woolen Mills
Purdy Brush Co.
White Stag Mfg. Co.
Meyerhaeuser Co. - Longview

ARTS, THE

Arts and Crafts Society
Art Museum
Contemporary Craft Gallery
Fountain Gallery of Art
Junior Museum

COMMUNICATION

Radio - KEPS
KEX
KOIN
Pacific Northwest Bell
Television - Channels 2,6,8,12
Western Electric Co. Inc.
U.S. Postal Service

CONSERVATION

Bonneville Dam
Bull Run Reserve
CATCH - Area II
Fish Commission of Oregon
Forest Park
Forestry Center
Game Commission of Oregon
Hoyt Arboretum
Ox Bow Park
U.S. Forest Service

FOOD PROCESSING

Alpenrose Dairy
Carnation Company
Continental Baking Co.
Franz Bakery
Grandma Cookie Co.
Helen Bernhard Bakery
Mayflower Milk Distributors
Meadowland Dairy
Nabisco
Seven-Up Bottling Co.
White Satin Sugar

HEALTH & SAFETY

Fire Districts
---Multnomah County
---Portland Fire Bureau
Fire Boat #2
Hospitals
Emanuel
Good Samaritan
Portland Adventist
Providence
St. Vincent
Red Cross, American
Rehabilitation Institute of Oregon
Traffic Safety Commission
Tryon Creek Sewage Treatment Plant
Water Pollution Control

HISTORY AND CIVICS

Apple Tree, First
Bridges Across Willamette
Capitol - Legislature
Champoeg State Park & Museum
Grant, U. S. Museum
Leleosaka's Potlatch House
McIntosh House
Multnomah County Courthouse
Oregon Historical Society
Oregon Historical Trip
(Columbia River Gorge)
Oregon Museum of Science &
Industry (OMSI)
Statues and Monuments
Vernonia Fossil Area
Pittock Mansion

PUBLIC SERVICE

City of Portland, City Hall, Court
Commission of Public Docks
Department of Interior Computers
Line Dispatcher
Library Association of Portland
Pacific Power & Light
Police Department of Portland
Portland General Electric
Port of Portland
Weather Bureau - United States
United Good Neighbors

TRANSPORTATION

Columbia-Construction Helicopters
Gray Line Boat Tours
Portland International Airport
Train Ride to Vancouver
Skyways (Troutdale Airport)
USS Rasher
Greyhound Central Bus Depot

ZOOLOGICAL

Audubon Society of Oregon
Boyd Pet Shop
Humane Society
Portland Zoological Society

AGRICULTURE

RESOURCE: Roger's Stables
210 S.E. Stark - Gresham
CONTACT: John Eiseham
PHONE: 666-2093
GUIDED TOUR: Yes
GRADE LEVEL: 1st and up
LENGTH OF VISIT: afternoon
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME: afternoon
NATURE OF ACTIVITY: Boards Horses

RESOURCE: 4th Estate Farms
Rt. 1 - Box 313 - Troutdale
CONTACT: Dr. Stanley Anderson
PHONE: 665-8871
GUIDED TOUR: Yes
GRADE LEVEL: prefer primary
LENGTH OF VISIT: $\frac{1}{2}$ to 1 hour
GROUP SIZE: 2 classes
ADVANCE NOTICE: 1 week
TIME: Anytime - fall & spring best
NATURE OF ACTIVITY: Short horn cattle farm -
Breed cattle for show & meat industry

RESOURCE: Pacific International Livestock Expo.
2240 N. Marine Drive
CONTACT:
PHONE: 285-8301
GUIDED TOUR: Yes - Future Farmer's act as guides
GRADE LEVEL: 1st gr. & up
LENGTH OF VISIT: 2 to 3 hours
GROUP SIZE: 1 classroom
ADVANCE NOTICE:
TIME: Call for current dates & reservations
NATURE OF ACTIVITY: Livestock & exhibits

RESOURCE: Santry Viking Park
Stark St. at Sandy River
CONTACT: D.D. Santry
PHONE: 665-5256
GUIDED TOUR: Yes
GRADE LEVEL: 1st gr. & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 2 classes
ADVANCE NOTICE: 1 week
TIME: 10:00 a.m.
NATURE OF ACTIVITY: Breaking and training of
Arabian Colts - *Combine tour with the
4th Estate

RESOURCE: J. Frank Schmidt Nursery
23000 S.E. Stark
CONTACT: Mr. F. Schmidt
PHONE: 665-4128
GUIDED TOUR: Yes
GRADE LEVEL: A
LENGTH OF VISIT: $\frac{1}{2}$ hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9:00 am to 3:30 pm daily
NATURE OF ACTIVITY: The starting of shade
trees - *In conjunction with J.B. Whalley
Greenhouse and lunch at Ox-Bow Park.

RESOURCE: J.B. Whalley Nursery, Inc.
22000 N.E. Halsey - Troutdale
CONTACT: Mrs. Whalley
PHONE: 665-3741
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9:00 - 4:00 Tu., Wed., Thur.
NATURE OF ACTIVITY: Propagating Work
*In conjunction with J. Frank Schmidt
Nursery and Ox-Bow Park

THE ARTS

RESOURCE: Arts and Crafts Society
616 N.W. 18th
CONTACT: Mrs. Grovers
PHONE: 228-4741
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9-4 daily
NATURE OF ACTIVITY: "Touch & Feel" sculpture show

RESOURCE: Contemporary Craft Gallery
3934 S.W. Corbett
CONTACT: Mrs. Arnold
PHONE: 645-1986
GUIDED TOUR: Yes
GRADE LEVEL: 4th & up
LENGTH OF VISIT: 1/2 hour
GROUP SIZE: 1 class (1 adult to 10 students)
ADVANCE NOTICE: 1 week
TIME: 11:00 am to 5:00 pm
NATURE OF ACTIVITY: Pacific Northwest Artists
*In conjunction with Portland Art Museum

RESOURCE: Junior Museum
3037 S.W. 2nd
CONTACT: Bob Bridgeford
PHONE: 227-1505
GUIDED TOUR: Yes
GRADE LEVEL: Kgn. - 6th gr.
LENGTH OF VISIT: 90 mins.
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 10: am - 3: pm Mon-Fri
NATURE OF ACTIVITY: Small live animal zoo
"Touch & Feel" - Time tunnel for children

RESOURCE: Art Museum
S.W. Park at Madison
CONTACT: Mr. Illo - Miss Brown
PHONE: 226-2811
GUIDED TOUR: Yes
GRADE LEVEL: 1 Gr. and up
LENGTH OF VISIT: 45-60 mins.
GROUP SIZE: small - up to 100
ADVANCE NOTICE: 2 weeks
TIME: 9:30-12:00 - Tues. thru Fri.
NATURE OF ACTIVITY: Exhibits
*Introductory speaker will come to school
In conjunction with the Contemporary Craft
Gallery

RESOURCE: Fountain Gallery of Art
115 S.W. 4th Ave.
CONTACT: Mrs. Schnitzer
PHONE: 228-8476
GUIDED TOUR: Either
GRADE LEVEL: All
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: 11:00 am - 3:00 pm Tues.
NATURE OF ACTIVITY: Commercial sales gallery
"Large range of art media"

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

BUSINESS AND INDUSTRY

RESOURCE: Allyn's Cleaners - Troy Laundry
1025 S.E. Pine
CONTACT: Mr. Glen V. Likens
PHONE: 232-0123
GUIDED TOUR: Yes
GRADE LEVEL: 7th gr. & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: Class (tour groups 8 to 10)
ADVANCE NOTICE: 1 week
TIME: 10:15 am and 1:00 pm
NATURE OF ACTIVITY: Tour of large laundry and dry cleaning establishment

RESOURCE: Container Corp. of America - Fibre Can Division
CONTACT: 12005 N. Burgard
PHONE: Les Caron
286-3611
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 30-45 mins.
GROUP SIZE: 60
ADVANCE NOTICE: 1 day
TIME: February to July best time
NATURE OF ACTIVITY: Tour of plant; manufacture of aluminum and steel containers; fiber can for frozen food, oil and other products

RESOURCE: Crown Zellerbach West Linn, Oregon 97068
CONTACT: Plant Tour
PHONE: 656-2951 Ext. 212
GUIDED TOUR: Yes
GRADE LEVEL: 6th and up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 30
ADVANCE NOTICE: 1 week
TIME: 10:00 am and 2:00 pm Tues thru Fri
NATURE OF ACTIVITY: The tour shows log handling and wood reduction.

RESOURCE: Boise Cascade
907 West 7th (Vancouver Exit)
CONTACT: Bonnie Owen - 693-2567 Ext. 369
PHONE: R. Weber - 693-2567 Ext. 268
GUIDED TOUR: Yes
GRADE LEVEL: 12 yrs. old (1 adult per 10)
LENGTH OF VISIT: 1 1/2 hours
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME: Tues., Thurs., or Fri. 9:30, 10:00 am or 1:30 pm
NATURE OF ACTIVITY: Conference Room Film
Paper making from beginning to end; pulp-paper-machines sheets - roll wrapper-cutter-shipping-
Converting to color and design
*Lunch at Esther Short Park

RESOURCE: Crown Zellerbach Camas, Washington 98607
CONTACT: Mrs. Ginny Nelson
PHONE: 227-6481 Ext. 275
GUIDED TOUR: Yes
GRADE LEVEL: 6th and up
LENGTH OF VISIT: 2 hours
GROUP SIZE: 100 (divided to 8 per guide)
ADVANCE NOTICE: 2 weeks
TIME: Tours 10 am and 1 pm - Mon thru Fri (avoid Wednesday)
NATURE OF ACTIVITY: Log handling through removing bark, pulp, to paper
Comments: Wear walking shoes and durable clothing. Pupil should stay on bus while teacher registers at main office. Guides will join group and use bus on tour.

RESOURCE: Danner Shoe Manufacturing Co.
110 S.E. 82nd
CONTACT: Mr. Wm. Danner
PHONE: 252-3409
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 1/2 hour
GROUP SIZE: 20 (2 adults)
ADVANCE NOTICE: 1 week
TIME: By appointment
NATURE OF ACTIVITY: The complete manufacturing process of shoe and boot industry

BUSINESS AND INDUSTRY

RESOURCE: Firestone Tire and Rubber Co.
18120 N.E. Wilke Rd

CONTACT: Mr. George Zanotelli

PHONE: 665-9188

GUIDED TOUR: Yes

GRADE LEVEL: All

LENGTH OF VISIT: 45 minutes

GROUP SIZE: 20 (larger groups can be divided)

ADVANCE NOTICE: 1 week

TIME: 9:00 am to 3:00 pm Mon thru Fri

(morning best)

NATURE OF ACTIVITY:
This is a tire retread plant. Pupils will see
worn and damaged tires through finished tires

RESOURCE: Goodwill Industries

1831 S.E. 6th

CONTACT: Mr. James Gray

PHONE: 234-0321 Ext. 28

GUIDED TOUR: Yes

GRADE LEVEL: 2nd & up

LENGTH OF VISIT: 1 hour

GROUP SIZE: 65-70 - 75

ADVANCE NOTICE: 2 weeks

TIME: 9:00 am to 3:00 pm daily

NATURE OF ACTIVITY: Students will get an
opportunity to see how handicapped people
help themselves.

RESOURCE: Import Plaza

1 N.W. Couch

CONTACT: Mr. Richard Lenhart

PHONE: 227-9405

GUIDED TOUR: No

GRADE LEVEL: All

LENGTH OF VISIT: 1 hour (longer if desired)

GROUP SIZE: Any

ADVANCE NOTICE: Reasonable amount

TIME: 10:00 am on

NATURE OF ACTIVITY: Mr. Lenhart will give 5
minute talk, then group may tour and see
variety of displays of foreign goods.

RESOURCE: Freightliner Corporation

6936 N. Fathom

CONTACT: Richard Bauer

PHONE: 285-5251 Ext. 547

GUIDED TOUR: Yes

GRADE LEVEL: 5th and up

LENGTH OF VISIT: 1 hour

GROUP SIZE: 25

ADVANCE NOTICE: 1 week

TIME: Weds. & Fri. 1:30 pm

NATURE OF ACTIVITY: Complete construction of
regular and specialized trucks

RESOURCE: Hilton Hotel

921 S.W. 6th

CONTACT: Mrs. Rosemary Wind

PHONE: 226-1611 Ext. 176

GUIDED TOUR: Yes

GRADE LEVEL: All

LENGTH OF VISIT: 1 1/2 hours

GROUP SIZE: 30 (one adult for 10 children)

ADVANCE NOTICE: 1 week

TIME: 8:30 am on - daily

NATURE OF ACTIVITY: Students view variety of
jobs in a large hotel

RESOURCE: Kandel Knitting Mills

4834 N. Interstate

CONTACT: Miss T. Goldman

PHONE: 288-6975

GUIDED TOUR: Yes

GRADE LEVEL: 4th & up

LENGTH OF VISIT: 1/2 hour

GROUP SIZE: 1 class with 4 adults

ADVANCE NOTICE: 1 week

TIME: 10 am or 10:30 am - 1:00 pm or 1:30 pm

NATURE OF ACTIVITY: Tour of plant showing
knitting, knit yardage, chenilling, power
machines.

BUSINESS AND INDUSTRY

RESOURCE: Lloyd Center
CONTACT: Promotion Director or Public Relations Dept.
PHONE: 282-2511
GUIDED TOURS: Yes
GRADE LEVEL: 3rd & up
LENGTH OF VISIT: 30 min. - 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 10:00 am to 4:00 pm
NATURE OF ACTIVITY: Informative tour of shopping center (younger children might enjoy special occasions like Halloween, Easter, Christmas) Teacher can specify particular interest area and age of class to better enjoy trip.

RESOURCE: Northwest Natural Gas Co.
CONTACT: Miss Kathleen Skinner
PHONE: 226-4211
GUIDED TOURS: Yes
GRADE LEVEL: 7th & up
LENGTH OF VISIT: 30 mins. to 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: Morning and early afternoon
NATURE OF ACTIVITY: A tour through office and if desired, the Liquefied Gas Plant in St. Johns.

RESOURCE: Purdy Brush Company
CONTACT: Mr. David Howard
PHONE: 285-4657
GUIDED TOURS: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: $\frac{1}{2}$ to 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 10 am to 11 am or 2 pm to 3 pm Tues. & Thurs.
NATURE OF ACTIVITY: Process of nylon and natural paint brushes.

RESOURCE: MALL 205
CONTACT: Sheri - Personnel Dept.
PHONE: 255-5805
GUIDED TOURS: Through various stores
GRADE LEVEL: K-6
LENGTH OF VISIT: Discuss when making tour arrangements.
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: to be arranged
NATURE OF ACTIVITY: Tour through stores
An inside look at what workers do.

RESOURCE: Pendleton Woolen Mills
CONTACT: Mrs. Emma Rogness
PHONE: 226-4801 Ext. 278
GUIDED TOURS: Yes
GRADE LEVEL: 12 yrs. old & up
LENGTH OF VISIT: 45 mins.
GROUP SIZE: 1 class (1 adult with 10 children)
ADVANCE NOTICE: 3 weeks
TIME: Arrange by letter and confirm
NATURE OF ACTIVITY: Wool scouring, carding, spinning and weaving, operations in shirt manufacture.

RESOURCE: White Stag Manufacturing Co.
CONTACT: Mr. Del White
PHONE: 777-1711 Ext. 281
GUIDED TOURS: Yes
GRADE LEVEL: 3rd & up
LENGTH OF VISIT: 30 mins.
GROUP SIZE: 2 classes
ADVANCE NOTICE: 1 week
TIME: 10:30 am and 2:45 pm daily
NATURE OF ACTIVITY: Tour of pattern room, cutting room, sewing, pressing to finished product.

BUSINESS AND INDUSTRY

RESOURCE: Weyerhaeuser Co.
Longview, Wn.
CONTACT: Mr. Mason
PHONE:
GUIDED TOUR: Yes
GRADE LEVEL: 5 & up
LENGTH OF VISIT: To be arranged (all day)
GROUP SIZE: Class size
ADVANCE NOTICE: Yes
TIME: To be arranged
NATURE OF ACTIVITY: Tour includes debarking
logs, cutting lumber, gluing plant, sorting
lumber. Speaker and slides.

COMMUNICATION

RESOURCE: KATU .. 2
CONTACT: Mrs. McHenry
PHONE: 233-2422
GUIDED TOUR: Yes
GRADE LEVEL: 3rd & up
LENGTH OF VISIT: 45 mins. to 1 hour
GROUP SIZE: 20
ADVANCE NOTICE: 3-4 weeks
TIME: 10:00-12:00 & 2:00-4:00
NATURE OF ACTIVITY: General Tour

RESOURCE: KEK (Radio)
2130 S.W. 5th
CONTACT: Mr. MacDonald
PHONE: 222-1881
GUIDED TOUR: Yes
GRADE LEVEL: High Sch. but will take younger
LENGTH OF VISIT: 30 min.
GROUP SIZE: 1 class or those interested
ADVANCE NOTICE: 1 week
TIME: arrange "special" tours
NATURE OF ACTIVITY: Limited facilities

RESOURCE:

CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: KEPS (Radio)
546 N.E. 12 Ave.
CONTACT: Dr. Swenson
PHONE: 234-5469
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME:
NATURE OF ACTIVITY: Complete operation

RESOURCE: KGW & TV - 8
1501 S.W. Jefferson
CONTACT: Promotion Dept.
PHONE: 224-8620 Ext. 367
GUIDED TOUR: Yes
GRADE LEVEL: 3 & up
LENGTH OF VISIT: 45 minutes
GROUP SIZE: 1 class (not more than 25)
ADVANCE NOTICE: 2 weeks
TIME: By appt. only
NATURE OF ACTIVITY: KGW-TV - KGW-AM
KINK - FM

COMMUNICATION

RESOURCE: KGIN TV - 6 & Radio
CONTACT: Dick Enders
PHONE: 228-3333
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 1½ hour
GROUP SIZE: Small groups 12-15 preferred
ADVANCE NOTICE: 2 weeks
TIME: 9:00 - 11:00 am
NATURE OF ACTIVITY: Tour through radio & TV studios - view telecast of ½ hour program "Hi-Neighbor"

RESOURCE: Pacific Northwest Bell Co.
509 S.W. Oak
CONTACT:
PHONE: 233-3396
GUIDED TOUR: Plant Workman Visit
GRADE LEVEL: 3 & 4
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 or 2 classes
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY: History of telephones, with models, climbs pole, weather permitting, Shows how phone works.

RESOURCE: Western Electric Co., Inc.
1235 N.E. 47th Ave.
CONTACT: O.L. Pearson
PHONE: 281-0053 Ext. 270
GUIDED TOUR: Yes
GRADE LEVEL: 7th & 8th (or those interested)
LENGTH OF VISIT: 2 hours
GROUP SIZE: up to 2 classes
ADVANCE NOTICE: 2-3 weeks
TIME: 9:00 - 11:00 am
NATURE OF ACTIVITY: Rebuilds old and damaged phone equipment.
Ed. Materials: Films, Slides, Booklets
Discussion with refreshments.

RESOURCE: KPTV - 12
CONTACT: Promotion Manager
PHONE: 222-9921
GUIDED TOUR: Yes
GRADE LEVEL: 5 & up
LENGTH OF VISIT: 30 mins.
GROUP SIZE: 25 max.
ADVANCE NOTICE: 1 week
TIME: on request
NATURE OF ACTIVITY: Facilities very limited for tours

RESOURCE: U.S. Postal Service
715 N.W. Hoyt
CONTACT: Mrs. Marie Edman
PHONE: 226-3361 Ext. 1955
GUIDED TOUR: Yes
GRADE LEVEL: 4th & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: to 50
ADVANCE NOTICE: 1 week
TIME: to be arranged
NATURE OF ACTIVITY: Post office facilities, letter handling, automation, zip code function

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
ACTIVITY:

CONSERVATION

RESOURCE: Bonneville Dam, Corps of Engrs.
Bonneville, Oregon 97008
CONTACT: Project Engineers Office
PHONE: 374-8442 Ext. 247
GUIDED TOUR: Yes (in most cases)
GRADE LEVEL: All
LENGTH OF VISIT: 1½ to 3½ hours
GROUP SIZE: Up to 50 or 60
ADVANCE NOTICE: 1 month
NATURE OF ACTIVITY: Powerhouse and spillway dam, navigation lock and fishways, hydraulic laboratory; upper grades may observe scale model dam operation. *Oregon State Fish Hatchery may be made in conjunction. Picnic facilities available on grounds.

RESOURCE: CATCH Program
CONTACT: Tim Ash
PHONE: Marysville School
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: Varies
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
NATURE OF ACTIVITY: Visit camp on Larch Mtn., working tour, outdoor experience

RESOURCE: Forest Park
CONTACT: City Hall Annex, Park Bureau
PHONE: 228-6141 Ext. 244
GUIDED TOUR: No
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 2-4 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
NATURE OF ACTIVITY: 9am - Mon.-Fri.
Identification of trees, interrelationship and concepts about forest life

RESOURCE: Bull Run Reserve
CONTACT: Virgil Stiger
PHONE: 228-6141 Ext. 242
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 4½-5 hours
GROUP SIZE: 1-2 classes
ADVANCE NOTICE: 1 week
TIME: 9:00 am - Mon. thru Fri.

NATURE OF ACTIVITY: Trip to Bull Run, picnic lunch in water shed, tour purifying plant.
*Speaker and film available

RESOURCE: Fish Commission of Oregon
CONTACT: Mr. Dujan
PHONE: 226-2161 Ext. 441
GUIDED TOUR: Yes - by appointment
GRADE LEVEL: 4th & up
LENGTH OF VISIT: 45 mins. to 3 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: by appointment

NATURE OF ACTIVITY: Literature, slides and movies, speaker, trip to Bonneville Hatcheries
*Trip may be in conjunction with Bonneville Dam
*Day trip possible with trip to coast

RESOURCE: Forestry Building
CONTACT:
PHONE: 228-1367
GUIDED TOUR: On request
GRADE LEVEL: All (25% for 8 yrs. old
LENGTH OF VISIT: Varied teachers free)
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: to be arranged

NATURE OF ACTIVITY: Tour of building and forester available on request as speaker

CONSERVATION

RESOURCE: Game Commission of Oregon
Sauvie Island
CONTACT: Mr. Norm Minnick
PHONE: 621-3173
GUIDED TOURS: Yes
GRADE LEVEL: All
LENGTH OF VISIT: $\frac{1}{2}$ day
GROUP SIZE: up to 75
ADVANCE NOTICE: 2 weeks
TIME: To be arranged before mid-October
NATURE OF ACTIVITY: Water fowl, refuge, game
shooting area, Indian artifacts
*Picnic area available

RESOURCE: Ox-Bow Park
Gresham, Oregon 97030
CONTACT: Mr. James Young
PHONE: 663-4708
GUIDED TOURS: No
GRADE LEVEL: All
LENGTH OF VISIT: No limit
GROUP SIZE: No limit
ADVANCE NOTICE: None required
TIME: Anytime
NATURE OF ACTIVITY: View many wild flowers,
shrubs, trees and plant life

RESOURCE:
CONTACT:
PHONE:
GUIDED TOURS:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Hoyt Arboretum

CONTACT: Mr. Ernest Fischer
PHONE: 228-9732
GUIDED TOURS: Yes
GRADE LEVEL: 2nd & up
LENGTH OF VISIT: $1\frac{1}{2}$ - 2 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: to be arranged
NATURE OF ACTIVITY: great variety of
foreign and domestic trees
*Wear heavy shoes and socks and durable
clothing
*Picnic facilities are available

RESOURCE: U.S. Forest Service

CONTACT: Mrs. Ann Heisler
PHONE: 255-0211 Ext. 34
GUIDED TOURS: No
GRADE LEVEL: All
LENGTH OF VISIT: Varied
GROUP SIZE: Unlimited
ADVANCE NOTICE: 2 weeks
TIME: to be arranged
NATURE OF ACTIVITY: According to age - Mt. Hood
National Park areas, Zig-Zag Ranger Station,
Toll Gate, Old Mt. Hood Highway, Trillium
Lake (picnic area available)

RESOURCE:
CONTACT:
PHONE:
GUIDED TOURS:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

FOOD PROCESSING

RESOURCE: Alpenrose Dairy
6145 S.W. Shattuck Rd.

CONTACT: Tour Dept.

PHONE: 244-1133

GUIDED TOURS: Yes

GRADE LEVEL: 1-2

LENGTH OF VISIT: 1½ hours

GROUP SIZE: Up to 50 students

ADVANCE NOTICE: Fall tour arranged to week

before Thanksgiving - Spring tour after Jan 1.
TIME: 9:50, 10:15, 11:45, 12:30

NATURE OF ACTIVITY: Tour of plant, barns, baby
animal barn, pony ride and a treat.

RESOURCE: Franz Bakery
340 N.E. 11th Ave.

CONTACT: Miss Mildred Gray

PHONE: 232-2191

GUIDED TOURS: Yes

GRADE LEVEL: 2nd & up

LENGTH OF VISIT: 1½ hours

GROUP SIZE: 45 (including adults)

ADVANCE NOTICE: 1 - 2 weeks

TIME: 9:00 am to 4:00 pm except Tuesdays

NATURE OF ACTIVITY: Tour of plant includes entire
processing of bread. Milk and hot bread served at
end of tour. Educational material given at end
of tour.

RESOURCE: Continental Bakery
103 N. Ivy

CONTACT: Home Economist

PHONE: 287-1114

GUIDED TOURS: Yes

GRADE LEVEL: 2 thru 5

LENGTH OF VISIT: 1 hour

GROUP SIZE: 1 class (1 adult per 10 children)

ADVANCE NOTICE: 6 weeks - 2 months

TIME: to be arranged

NATURE OF ACTIVITY: Tour of plant, film,
speaker. Would like more classes in fall
and winter as spring fills up very fast.

RESOURCE: Carnation Co.

3342 S.E. Morrison

CONTACT: Miss Mary Blake

PHONE: 232-2131

GUIDED TOURS: Yes

GRADE LEVEL: 2nd & up

LENGTH OF VISIT: 1 hour

GROUP SIZE: 1 class

ADVANCE NOTICE: As soon as possible

TIME: 9:30 or 10:00 am

NATURE OF ACTIVITY: Film, tour, questions
and answers and ice cream treat

RESOURCE: Grandma Cookie Co.

6220 S.W. 112th

CONTACT: Mrs. Day

PHONE: 643-4711

GUIDED TOURS: Yes

GRADE LEVEL: All

LENGTH OF VISIT: 1 hour

GROUP SIZE: 1-2 classes, (1 adult per 10 students)

ADVANCE NOTICE: 1-2 weeks

TIME: Monday thru Friday

NATURE OF ACTIVITY: Tour of plant, view
complete manufacturing various types of
cookies and packaging. Children given hat,
package of cookies and booklet.

RESOURCE: Helen Bernhard Bakery

1717 N.E. Broadway

CONTACT: Ben or David Bernhard

PHONE: 287-1251

GUIDED TOURS: Yes

GRADE LEVEL: 2nd & up

LENGTH OF VISIT: 1 hour

GROUP SIZE: 1 class

ADVANCE NOTICE: 2 weeks

TIME: Selective basis

NATURE OF ACTIVITY: Production of cakes,
cookies, pastries, view cake decorating

FOOD PROCESSING

RESOURCE: Mayflower Farms
2720 S.E. 6th
CONTACT: Hostess
PHONE: 234-8292 Ext. 264
GUIDED TOUR: Yes
GRADE LEVEL: 1st & up
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 1-2 classes
ADVANCE NOTICE: 2 weeks
TIME: Tuesday
NATURE OF ACTIVITY: Processing & packing of milk, butter, powdered milk, cottage cheese, ice cream. Children must have large name tags, (first & last name) for safety.

RESOURCE: Nabisco
100 N.E. Columbia Blvd.
CONTACT: Receptionist
PHONE: 285-2571 Ext. 66
GUIDED TOUR: Yes
GRADE LEVEL: 5 and up
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 1 class (1 adult per 10 students)
ADVANCE NOTICE: 2 weeks (Oct 1 to May 31)
TIME: 1:15 pm - Monday to Friday
NATURE OF ACTIVITY: Complete tour of plant, showing manufacture of crackers, cookies, and ice cream cones.

RESOURCE: White Satin Sugar
2600 N.E. Columbia Blvd.
CONTACT: Mr. Harry Gessner
PHONE: 282-5573
GUIDED TOUR: Yes
GRADE LEVEL: 7 & up
LENGTH OF VISIT: ¾ to 3/4 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: Yes
TIME: 9 am to 2 pm
NATURE OF ACTIVITY: Bulk sugar - the making of liquid bulk sugar. Trip might be taken in conjunction with 7-Up Bottling Co.

RESOURCE: Meadowland Dairy
16430 S.E. Powell Blvd.
CONTACT: Manager
PHONE: 761-7575
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 30 min. per group of 25
GROUP SIZE: 2 classes
ADVANCE NOTICE: Yes - Tours only April & May
TIME: 1:00 pm (milking begins 1:30 pm)
NATURE OF ACTIVITY: See milking and may experience milking & cow. Visit to calf barns. View milk processing and making ice cream. Refreshments served.

RESOURCE: Seven-Up Bottling Co.
1231 N.E. Cough
CONTACT: Public Relations - Mrs. Stone
PHONE: 235-6622
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1 - 1½ hours
GROUP SIZE: Class
ADVANCE NOTICE: 2 weeks
TIME: Mon. thru Fri.
NATURE OF ACTIVITY: Complete tour of plant. Treats and souvenirs. Speaker: Mrs. Stone will come to school and present talk on background of the industry.

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

HEALTH & SAFETY

RESOURCE: Multnomah County Fire Districts
CONTACT: Dist. #10 - 761-7120
Dist. #12 - 771-9681
PHONE: Dist. #13 - 281-1261
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: $\frac{1}{2}$ to 1 hour
GROUP SIZE: Class
ADVANCE NOTICE: 2 weeks
TIME: To be arranged
NATURE OF ACTIVITY: Tour fire station, tours vary from district to district. Demonstration on request for 2nd grade.

RESOURCE: Fireboat
CONTACT: 7660 N.W. Front
Asst. Fire Chief
PHONE: 228-6141
GUIDED TOUR: Yes
GRADE LEVEL: No children under 12 can be taken
LENGTH OF VISIT: 30 minutes
GROUP SIZE: 1 to 2 classes
ADVANCE NOTICE: to be arranged
TIME: Mornings
NATURE OF ACTIVITY: Firefighting equipment demonstrated and explained.

RESOURCE: Good Samaritan Hospital
CONTACT: 1015 N.W. 22
Mrs. Koranda
PHONE: 229-7408
GUIDED TOUR: Yes
GRADE LEVEL: 1 thru 8
LENGTH OF VISIT: $1\frac{1}{2}$ hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: P.M. Tuesday thru Thursday
NATURE OF ACTIVITY: Tour includes emergency room, cast room, laboratory, pediatrics, diet.

RESOURCE: Emanuel Hospital
CONTACT: 280 North Gantenbein
Sarah Humberg
PHONE: 280-4294
GUIDED TOUR: Yes (2 tours)
GRADE LEVEL: 1 & up
LENGTH OF VISIT: 1 - $2\frac{1}{2}$ hours
GROUP SIZE: 30 (1 adult per 5 children)
ADVANCE NOTICE: 2 weeks
TIME: Thursday, P.M.
NATURE OF ACTIVITY: General tour of hospital and one geared to Health Careers

RESOURCE: Portland Fire Bureau
CONTACT: 55 S.W. Ash
228-6141 Ext. 492 or 485
PHONE:
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 45 mins.
GROUP SIZE: 1 class
ADVANCE NOTICE: Yes
TIME: By arrangement
NATURE OF ACTIVITY: Visit to any fire station.

RESOURCE: Portland Adventist Hospital
CONTACT: 6040 S.E. Belmont St.
Harold Wynne
PHONE: 235-8871
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 45 mins. to $1\frac{1}{2}$ hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 10 am to 12 noon - Tues thru Thurs
NATURE OF ACTIVITY: Tour of various departments of hospital: x-ray, kitchen, blood bank, emergency room. Speakers: Physician, department heads, smoking.

HEALTH & SAFETY

RESOURCE: Providence Hospital
700 N.E. 47
CONTACT: Community Relations
PHONE: 234-8211
GUIDED TOUR: Yes
GRADE LEVEL: 4 & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1-2 weeks
TIME: Usually P.M., other can be arranged
NATURE OF ACTIVITY: Tour thru emergency room, laboratory, kitchen, physical therapy.

RESOURCE: Rehabilitation Institute of Oregon
2010 N.W. Kearney
CONTACT: Receptionist
PHONE: 229-7151
GUIDED TOUR: Yes
GRADE LEVEL: 7 and up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: On arrangement
NATURE OF ACTIVITY: Observe occupational and physical therapy, nursing care -

RESOURCE: Tryon Creek Sewage Treatment Plant
195 Foothills Road - Oswego, Ore.
CONTACT: Supervisor, Jim Burns
PHONE: 636-3723
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1 1/2 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9 am to 2 pm - Monday thru Friday
NATURE OF ACTIVITY: Complete sewage treatment plant. Speaker available, lab display.

RESOURCE: St. Vincent Hospital
CONTACT: Mrs. Sheets
PHONE: 297-4411
GUIDED TOUR: Yes
GRADE LEVEL: 1-12
LENGTH OF VISIT: 1 hour
GROUP SIZE: 20 and under
ADVANCE NOTICE: 1 month
TIME: Monday thru Friday - 1 to 4 PM
NATURE OF ACTIVITY: Primary Grades - "Birds eye" view of hospital and slides of child's experience in hospital. Grades 4-12, emphasis on health careers.

RESOURCE: Traffic Safety Commission
City Hall
CONTACT: Director of Traffic Safety Commn.
PHONE: 228-6141
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: to be arranged
GROUP SIZE: 1-2 classes
ADVANCE NOTICE: 1 week
TIME: to be arranged
NATURE OF ACTIVITY: Speaker: City Council Room - also available police officers who visit schools

RESOURCE: Water Pollution Control
Sandy Blvd. at 201 Ave.
CONTACT: Mr. Stan VanderZanden
PHONE: 665-4612
GUIDED TOUR: Yes
GRADE LEVEL: 5 and up
LENGTH OF VISIT: 30 to 60 minutes
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9 am to 3 pm
NATURE OF ACTIVITY: Tour of sewage disposal plant. *Opens April, 1973.

HISTORY AND CIVICS - 1

RESOURCE: Apple Tree First
E. 2nd Street - Vancouver Wh.
CONTACT:
PHONE:
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY: Apple seed brought from
England and planted in 1828 by Dr. McLoughlin
*Side trips if you are in Vancouver
*Drive-by viewing only

RESOURCE: Capitol - Legislature
Salem, Oregon 97310
CONTACT: Frances Hargis - Chief Capitol Guide
PHONE: 378-4423
GUIDED TOUR: Yes (10¢ charge)
GRADE LEVEL: 7 & up
LENGTH OF VISIT: Optional
GROUP SIZE: Up to 200
ADVANCE NOTICE: 3 weeks
TIME: 10:00 am
NATURE OF ACTIVITY: View House of Representatives,
Senate, Governors Office

RESOURCE: Clark County Historical Museum
16th & Clark - Vancouver Wh.
CONTACT: Museum - closed Mondays
PHONE: 1-206-695-4681
GUIDED TOUR: Yes
GRADE LEVEL: 3rd & Up
LENGTH OF VISIT: 1 hour
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME: 9 am - noon on reservation
NATURE OF ACTIVITY: 1pm-5pm Tues-Fri
Pioneer doctor's office, an 1890 store,
printing press and doll display - 30 minutes
lecture
*Combine tour with Port Vancouver Historical
Site and Grant Museum

RESOURCE: Champoege State Park & Museums
CONTACT: Mrs. Ethel Bowlsby
PHONE: 678-5365
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT: Varied
GROUP SIZE: Unlimited
ADVANCE NOTICE:
TIME: 11 am - 5 pm - Tues. thru Fri.
Museum closed Dec. & Jan
NATURE OF ACTIVITY:
Visit to historical site - 3 museums on grounds -
Mother's Cabin (10¢ students - 25¢ adults)
*Combine trip to Camby Ferry

RESOURCE: Bridges across William's
CONTACT:
PHONE:
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT:
GROUP SIZE: Any
ADVANCE NOTICE: None
TIME: Any
NATURE OF ACTIVITY: Visit all bridges

RESOURCE: Port Vancouver National Historical
Site
CONTACT: Park Office
PHONE: 1-206-695-3481 Ext. 218 or 219
GUIDED TOUR: Yes
GRADE LEVEL: 3 and up
LENGTH OF VISIT: 1 hour
GROUP SIZE: Up to 50
ADVANCE NOTICE: 2 weeks
TIME: 8 am to 4:30 pm Mon. thru Fri.
NATURE OF ACTIVITY: Tools used by pioneers
and trappers. Speaker available.
*Combine trip with Clark County Museum, Old
Apple Tree, Grant House and LeLoosaka's
Potlatch House.

HISTORY AND CIVICS - 2

RESOURCE: Grant, Ulysses S., Museum
1106 E. Evergreen Blvd. Vancouver
CONTACT: Mrs. Brusseau
PHONE: 693-9743
GUIDED TOURS: No
GRADE LEVEL: All
LENGTH OF VISIT: 1/2 hour - 45 mins.
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME: 9:30 am - 4 pm (not Thursday)
NATURE OF ACTIVITY: Many historical exhibits,
Indian artifacts
*May combine with Ft. Vancouver Site, Lelooka's
Potlatch House

RESOURCE: McLaughlin House
7th & Center - Oregon City
CONTACT: Curator or Hostess
PHONE: 656-5146
GUIDED TOUR: Yes (10¢-students 50¢-adults)
GRADE LEVEL: 3rd & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: Early in school year
TIME: 10 am Tues-Fri
NATURE OF ACTIVITY: Tour of historic house
with historic artifacts

RESOURCE: Oregon Historical Society
1230 S.W. Park
CONTACT: Mrs. Mary Ann Amacker
PHONE: 222-1741
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1-1-1/4 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 3-4 weeks
TIME: 10 am, 11:15 am, 12:30pm, 1:45 pm
NATURE OF ACTIVITY:
Changing exhibits, relating to varied
Northwest history topics.

RESOURCE: Lelooka's Potlatch House
Ariel, Wn.
CONTACT: QMSI - Mrs. Dorothy Mason
PHONE: 226-4518 Ext. 33
GUIDED TOUR: Special program - 50¢ charge
GRADE LEVEL: All
LENGTH OF VISIT: 3 hours
GROUP SIZE: no limit
ADVANCE NOTICE: several weeks
TIME: 10:30 am or by arrangement
NATURE OF ACTIVITY: Authentic Indian dances,
songs and legends while in Potlatch House
*May combine with Ft. Vancouver Site, Grant
Museum, old Apple Tree, Clark County Historical
Museum

RESOURCE: Multnomah County Courthouse
1021 S.W. 4th
CONTACT: Mr. Jerry Justice
PHONE: 227-8411 Ext. 251
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 1-1 1/2 hours
GROUP SIZE: 30
ADVANCE NOTICE: 1-2 weeks
TIME: 9:30-11:00 am 1:30-3 pm Mon.-Fri.
NATURE OF ACTIVITY: 2 different tours
1. Sheriff's radio room and investigation office
2. Judge interview and court action
*Classroom speaker available
*Combine with trip to Police Station

RESOURCE: Oregon Historical Trip
Columbia River Gorge
CONTACT:
PHONE:
GUIDED TOUR: No
GRADE LEVEL: 4 and up
LENGTH OF VISIT: 1/2 day
GROUP SIZE: bus load
ADVANCE NOTICE:
TIME: 9:30 am - Lunch at Eagle Creek State Park
NATURE OF ACTIVITY: Follow old Oregon Trail,
Chanticleer Point, Crown Point and Vista House
State Parks, Beacon Rock

HISTORY AND CIVICS - 3

RESOURCE: Oregon Museum of Science & Industry (OMSI)
CONTACT: Education Dept. - School Tours
PHONE: 224-9500
GUIDED TOUR: Yes (25¢ charge students)
GRADE LEVEL: All (35¢ extra for Planetarium Visit)
LENGTH OF VISIT: Varies
GROUP SIZE: Varies
ADVANCE NOTICE: 2-3 weeks
TIME: 9:30 am daily
NATURE OF ACTIVITY: Exhibits and demonstrations in all areas of science.

RESOURCE: Statues and Monuments
CONTACT: Refer to IED catalog for complete list
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY: Side trips for field trips in other areas

RESOURCE: Pittock Mansion
Out west Burnside
CONTACT: Mrs. Mary Alice Sneed
PHONE: 222-1432
GUIDED TOUR: Yes - on request-charge*
GRADE LEVEL: 4th and up
LENGTH OF VISIT: 30 - 45 minutes
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: 1 - 5 pm Wednesday thru Fri.
NATURE OF ACTIVITY: Tour of building and grounds. Guide on request.
*Fees: \$1.00 - Adults (50¢ Friday)
.50 - 15yrs. & up (25¢ Friday)
.25 - 6-14 yrs. (15¢ Friday)

RESOURCE: Vernonia Fossil Area
CONTACT: Mrs. Dorothy Mason
PHONE: 224-9500
GUIDED TOUR: Yes - if OMSI is used
GRADE LEVEL: 4th and up
LENGTH OF VISIT: 7 1/2 - 8 hours
GROUP SIZE: 1 class
ADVANCE NOTICE:
TIME: Spring and fall
NATURE OF ACTIVITY: Digging of fossils and nature observation.
*Charge is made for OMSI facilities, but trip could be taken on your own at reduced cost.

PUBLIC SERVICE

RESOURCE: City of Portland - City Hall-Court

CONTACT: Wayne Leland

PHONE: 228-6141 Ext. 249

GUIDED TOUR: Yes

GRADE LEVEL: 4 and up

LENGTH OF VISIT: 1 hour

GROUP SIZE: Class

ADVANCE NOTICE: 1 week

TIME: Arranged on contact

NATURE OF ACTIVITY: City Council, Wed. 9:30;
Thursday-2:00; Portland Police & Municipal Court

RESOURCE: Dept. of Interior

1002 N.E. Holiday-P.O. 3621

CONTACT: John R. Ulrich Zip 97208

PHONE: 234-3361 Ext. 5131

GUIDED TOUR: Yes

GRADE LEVEL: 5 & up (1 adult per 10)

LENGTH OF VISIT: Vary

GROUP SIZE: 1 class

ADVANCE NOTICE: Written

TIME: to be arranged - PM - Mon.-Fri.

NATURE OF ACTIVITY: Computers -
Written request required

RESOURCE: Library Assn. Of Portland

801 S.W. 10th -

CONTACT: Miss Greig

PHONE: 223-7201 - Ext. 25

GUIDED TOUR: Yes

GRADE LEVEL: K-8

LENGTH OF VISIT: 1 1/2 hours

GROUP SIZE: 1 class

ADVANCE NOTICE: 1 week

TIME: A.M.

NATURE OF ACTIVITY: Tour explains each dept.
and work accomplished.

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RESOURCE: Commission of Public Docks

3070 N.W. Front

CONTACT: Lloyd Tower

PHONE: 233-8331

GUIDED TOUR: Yes

GRADE LEVEL: 6th & up (1 adult per 10 students)

LENGTH OF VISIT: 1-2 hours

GROUP SIZE: 1 class

ADVANCE NOTICE: 1 month

TIME: Daily, A.M.

NATURE OF ACTIVITY: Terminal #1 & #2.
Loading and unloading cargo

RESOURCE: Dept. of Interior - Bonneville Dam

1002 N.E. Holiday

CONTACT: John R. Ulrich

PHONE: 234-3361 Ext. 5131

GUIDED TOUR: Yes

GRADE LEVEL: 5th & up

LENGTH OF VISIT: 1 hour

GROUP SIZE: Small

ADVANCE NOTICE: Written request

TIME: to be arranged

NATURE OF ACTIVITY: Distribution of line power

RESOURCE: Pacific Power & Light

920 S.W. 6th

CONTACT: Mrs. Coleman

PHONE: 226-7411

GUIDED TOUR: Yes

GRADE LEVEL: 3-6

LENGTH OF VISIT: to be arranged

GROUP SIZE: 1 class

ADVANCE NOTICE: Yes

TIME: to be arranged

NATURE OF ACTIVITY: Visit power plant and fish
hatcheries at Lewis River and Merwin Dam, Wn.
*Speaker available in classroom.

PUBLIC SERVICE - 2

RESOURCE: Police Dept. of Portland
222 S.W. Pine
CONTACT: Lt. Smith
PHONE: 226-7551 Ext. 318
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 month
TIME: 12 - 2 pm - Tues. Wed. Thurs.
NATURE OF ACTIVITY: See ALL divisions and departments.

RESOURCE: Port of Portland - Swan Island
Ship Repair Yard
CONTACT: 710 S.W. 2nd
PHONE: 224-4260
GUIDED TOUR: No
GRADE LEVEL: 5th & up
LENGTH OF VISIT: no time limit
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME:
NATURE OF ACTIVITY: Dry Docks

RESOURCE: United Good Neighbors
718 West Burnside
CONTACT: Miss Elliott
PHONE: 228-9131
GUIDED TOUR: Yes
GRADE LEVEL: K-8
LENGTH OF VISIT: Varies
GROUP SIZE:
ADVANCE NOTICE: 1 week
TIME: Varies
NATURE OF ACTIVITY: Speakers - from various agencies - Film

RESOURCE: Portland General Electric Co.
621 S.W. Alder
CONTACT: Keith Loeffler
PHONE: 228-7181 Ext. 362
GUIDED TOUR: Yes
GRADE LEVEL: 4 and up
LENGTH OF VISIT: Varies
GROUP SIZE: Class
ADVANCE NOTICE: 2 weeks
TIME: Arranged
NATURE OF ACTIVITY: Speaker before trip at school. Trip - North Fork Dam - River Mill Dam - hydro-electric plant - *Eat lunch - Promontory State Park

RESOURCE: Weather Bureau - Portland and U.S.
5420 N.E. Marine Drive
CONTACT: James Wakefield
PHONE: 281-6271 *(unlisted)
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: varies
GROUP SIZE: 1 class
ADVANCE NOTICE: 1-2 weeks
TIME: varies
NATURE OF ACTIVITY: Weather Bureau Forecast - FAA Flight Service Office

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

TRANSPORTATION - I

<p>RESOURCE: Columbian-Construction Helicopters Swan Island</p> <p>CONTACT: Ken Foote</p> <p>PHONE: 285-9155</p> <p>GUIDED TOURS: Yes</p> <p>GRADE LEVEL: All</p> <p>LENGTH OF VISIT: 15 minutes</p> <p>GROUP SIZE: 1 class</p> <p>ADVANCE NOTICE: 1 week</p> <p>TIME: Daily</p> <p>NATURE OF ACTIVITY: Trip gives opportunity to examine helicopters</p> <p>*Combine with tours of other Swan Island Industries</p>	<p>RESOURCE: Portland International Airport</p> <p>CONTACT: Miss Lorri Alberts</p> <p>PHONE: 233-8331 Ext. 385</p> <p>GUIDED TOUR: Yes</p> <p>GRADE LEVEL: All</p> <p>LENGTH OF VISIT: 45 mins. - 1 hour</p> <p>GROUP SIZE: 30</p> <p>ADVANCE NOTICE: 3-8 weeks</p> <p>TIME: 8 am - 4:30 pm Mon. thru Fri.</p> <p>NATURE OF ACTIVITY: Observe air traffic, boarding, baggage handling, slide presentation.</p>	<p>RESOURCE: Skyways (Troutdale Airport)</p> <p>CONTACT: Al Kempin</p> <p>PHONE: 665-1181</p> <p>GUIDED TOUR: Yes</p> <p>GRADE LEVEL: 6th & up</p> <p>LENGTH OF VISIT: 2 hours</p> <p>GROUP SIZE: no limit</p> <p>ADVANCE NOTICE: 2 weeks</p> <p>TIME: 9am-12noon - 1pm-4:30pm Mon. thru Fri.</p> <p>NATURE OF ACTIVITY: Skyways operation, planes, repair, tour of tower and ground school.</p> <p>Airplane ride for \$2.00.</p>
<p>RESOURCE: Gray Line Boat Tours Boat Tour</p> <p>CONTACT: 226-6755</p> <p>PHONE:</p> <p>GUIDED TOUR: Narration during trip</p> <p>GRADE LEVEL: All</p> <p>LENGTH OF VISIT: 2 hours</p> <p>GROUP SIZE: Up to 100</p> <p>ADVANCE NOTICE: Yes - early</p> <p>TIME: After April 1</p> <p>NATURE OF ACTIVITY: River Tour of Portland Harbor</p>	<p>RESOURCE: AM-TRACK Train Ride to Vancouver</p> <p>CONTACT: Mr. Bernister</p> <p>PHONE: 221-1300 Ext. 2263</p> <p>GUIDED TOUR: No</p> <p>GRADE LEVEL: All</p> <p>LENGTH OF VISIT:</p> <p>GROUP SIZE: 1 class</p> <p>ADVANCE NOTICE: Port. DT 9:00-9:20 Vanc. DT 11:52-12:15</p> <p>TIME: 2 wks. notice</p> <p>NATURE OF ACTIVITY: Train ride to Vancouver - Park nearby to eat lunch.</p>	<p>RESOURCE: USS Rasher - Swan Island</p> <p>CONTACT: Mr. S. Rasher</p> <p>PHONE: 289-5858</p> <p>GUIDED TOUR: Yes</p> <p>GRADE LEVEL: 5th & up (Not allowed under 10 yr.)</p> <p>LENGTH OF VISIT: (1 adult per 5)</p> <p>GROUP SIZE: No limit</p> <p>ADVANCE NOTICE: 1 week</p> <p>TIME: 9am-2pm</p> <p>NATURE OF ACTIVITY: Tour Sub</p>

TRANSPORTATION II

RESOURCE: Greyhound Central Bus Depot
509 S.W. Taylor
CONTACT: R.J. Klinger
PHONE: 228-5171
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 30 mins.
GROUP SIZE: Class
ADVANCE NOTICE: 1 week
TIME: 10-10:30; 2:30-3:00
NATURE OF ACTIVITY: Tour of facilities

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

ZOOLOGICAL

RESOURCE: Audubon Society of Oregon
5151 N.W. Cornell
CONTACT: Caretaker
PHONE: 292-6855
GUIDED TOUR: On request
GRADE LEVEL: All
LENGTH OF VISIT: 2 hours
GROUP SIZE: Class - 1 adult with 10 children
ADVANCE NOTICE: 2 weeks
TIME: Sept., Oct., April, May best times
NATURE OF ACTIVITY: Presentation - slides -
Tour on marked trail - Speakers available
to schools.

RESOURCE: Humane Society
1067 N.E. Columbia Blvd.
CONTACT: Bob Hillman
PHONE: 235-0641
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: Over 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: 9am to 3pm - Tues. & Wed. preferred
NATURE OF ACTIVITY: Tour and discussion
Film "Home for Butch"

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Boyd's Pet Shop
5940 East Burnside
CONTACT: Bob Boyd
PHONE: 232-6830
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT: 1/2 hour
GROUP SIZE: 15 children
ADVANCE NOTICE: Yes
TIME: After 10 am daily
NATURE OF ACTIVITY: Due to size of shop, prefer
group limited to 15. Will see small animals.

RESOURCE: Portland Zoological Society
4001 S.W. Canyon Road
CONTACT:
PHONE: 226-7639
GUIDED TOUR: 3rd & up
GRADE LEVEL: All
LENGTH OF VISIT: To be arranged
GROUP SIZE: No limit
ADVANCE NOTICE: Only for guided tour
TIME: 10 am
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Army Corps. of Engineers
CONTACT: Public Affairs
PHONE: 777-4441
GUIDED TOUR: Speaker Resources
GRADE LEVEL: 4-6
LENGTH OF VISIT: To be arranged
GROUP SIZE:
ADVANCE NOTICE: 1 week
TIME: To be arranged
NATURE OF ACTIVITY: Slides and A.V. materials:
Re: Columbia River, Navigation,
Environment - whatever topic teacher requests

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

BLANK FORM FOR TEACHER USE

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

AUDIO-VISUAL RESOURCES

- I. Idea Book
Bulletin Boards
Films
Filmstrips
Film Loops
Kits
Slides
Study prints
Records
Transparencies
- II. Miltomah I.E.D. - Phone 255-1841
Contact Career Specialist
- III. IPAR -- Speakers Bureau
Phone - 222-4421
- IV. Visualmaker Kit
3 kits available from Area II Office
on loan for 2 to 3 days. Includes:
Instantatic camera, flash bulbs, film
and processing and copy stand and
instructional guide.
- V. "What Daddies Do". Slides & tape.
K-3 - On loan from Mr. Wallis, Area
II Office.
- VI. Teacher's Resource
World of Work, by Charleta J. Dunn
and Bill P. Payne.
- VII. Tape recorders on loan from Mr. Wallis,
Area II Office.
- VIII. Educators Guide to Free Films
(Postage Charge)
- IX. Educators Guide to Free Filmstrips
(Postage charge)
- X. Educators Guide to Free Materials
- XI. Oregon State System of Higher Education--
Educational Films and Tapes
- XII. Department of Interior - Jim Hagle,
Manager Public Relations - 234-3361
A.V. Materials - Speakers Bureau
--Johnny Horizon Kit & Poster
--Ecology, Pollution Pamphlets, Publications
for Children
- XIII. Porter-Scarpelli Macaroni
Mr. Curtin - 3510 N.E. Broadway
281-1245 -
Film & 10-15 min. talk - Grades K-6
Advance Notice - 1 month

RESOURCE SPEAKERS FOR K-6

All invited speakers should:

- (1) Be asked to bring pertinent tools, uniform or dress (hard hat or gloves), and equipment.
- (2) Be prepared to demonstrate or explain their particular job.
- (3) Stress to the students the necessity for the worker being punctual.
- (4) Stress to the students the necessity for the worker being to work every day.
- (5) Stress to the students the importance of education to the job.

Partial Listing of suggested speakers from various careers:

(1) Farmer	(3) Forestry	(5) Health	(8) Transportation
--County Agent	--Choke Setter	--Nurse and Aides	Rail--Clerks, Typist, Conductor, Engineers, Agent, Track Layer, Track Maintenance
--Nurseryman	--Logger	--Dietitian	Bus-Trucks--Driver, Package Handler, Ticket Seller
--Dairyman	--Scaler	--Dentist	Airlines--Pilots, Engineers, Air Traffic Control, Ticket Clerks, Reservation Clerks, Food Handlers, Stewards, Stewardesses, Maintenance Crews
--Truck Farmer	--Topper		
	--Trucker	(6) Postal	
(2) Construction	--Millworker	--Mail Carrier	
--Cement Worker	--Millwright	--Sorter	
--Carpenter	--Sawyer	--Truck Driver	
--Brick Layer	--Sorter	--Special Delivery	
--Plumber	--Grader		
--Electrician		(7) Communication	(9) Science
--Painter	(4) Stores	--Television Announcer	--Scientist
--Roofer	--Clerk	--Disc Jockey	--Environmental Specialists
--Architect	--Checker	--Newsmen	
	--Buyer	--Station Engineer	
	--Designer	--Telephone Repairman	
		--Telephones Operator	
		--Newspaper Editor	
		--Newspaper Reporter	

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| MULTNOMAH INTERMEDIATE EDUCATION DISTRICT. | MULTNOMAH COUNTY FIELD TRIP GUIDE | | |
| PORTLAND PUBLIC SCHOOLS. | AUDIOVISUAL MATERIALS SUPPLEMENT
1972 CUMULATIVE | | |
| PORTLAND PUBLIC SCHOOLS, AREA II | CAREER EDUCATION, AN IDEA BOOK | Portland Public Schools | 1971 |
| PORTLAND PUBLIC SCHOOLS | THE COMMUNITY - OUR CLASSROOM | | |
| STATE OF WASHINGTON, COORDINATING COUNCIL FOR OCCUPATIONAL EDUCATION | CAPEs | Part 3, What About Vocational Education? | |
| SPRINGFIELD PUBLIC SCHOOLS | GUIDELINES FOR AN EXPLORATORY
CAREER EDUCATION PROGRAM
GRADES 7-10 | Springfield Public Schools
Springfield, Oregon | 1971 |